

# SYTL5 Rabbit pAb

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Catalog # AP58125

## Product Information

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| <b>Application</b>             | WB, IHC-P, IHC-F, IF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Primary Accession</b>       | <a href="#">Q8TDW5</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Reactivity</b>              | Rat, Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Predicted</b>               | Pig, Dog, Mouse, Rabbit, Horse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Calculated MW</b>           | 81523                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Physical State</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from human SYTL5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Epitope Specificity</b>     | 601-700/730                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Isotype</b>                 | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>                  | affinity purified by Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Buffer</b>                  | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>SUBCELLULAR LOCATION</b>    | Membrane.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Important Note</b>          | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Background Descriptions</b> | The protein encoded by this gene belongs to the synaptotagmin-like (Slp) protein family, which contains a unique homology domain at the N-terminus, referred to as the Slp homology domain (SHD). The SHD functions as a binding site for Rab27A, which plays a role in protein transport. Expression of this gene is restricted to placenta and liver, suggesting that it might be involved in Rab27A-dependent membrane trafficking in specific tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |

## Additional Information

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|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>     | 94122                                                                                                                                                                                           |
| <b>Other Names</b> | Synaptotagmin-like protein 5, SYTL5, SLP5                                                                                                                                                       |
| <b>Dilution</b>    | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500                                                                                                                                      |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

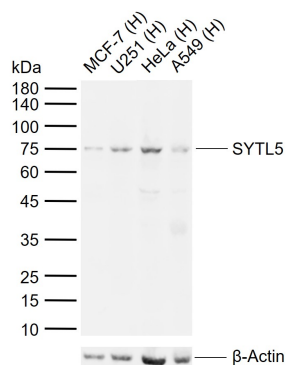
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|--------------------------|----------------------------------------------------------------------------------------------|
| <b>Name</b>              | SYTL5                                                                                        |
| <b>Synonyms</b>          | SLP5                                                                                         |
| <b>Function</b>          | May act as Rab effector protein and play a role in vesicle trafficking. Binds phospholipids. |
| <b>Cellular Location</b> | Membrane; Peripheral membrane protein                                                        |
| <b>Tissue Location</b>   | Highly expressed in placenta and liver.                                                      |

## Background

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## Images



### Sample:

Lane 1: Human MCF-7 cell lysates

Lane 2: Human U251 cell lysates

Lane 3: Human HeLa cell lysates

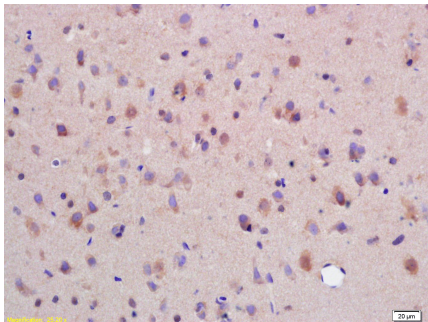
Lane 4: Human A549 cell lysates

Primary: Anti-SYTL5 (AP58125) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 81 kDa

Observed band size: 75 kDa



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min;

Incubation: Anti-SYTL5 Polyclonal Antibody, Unconjugated (AP58125) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated (AP58125-Cy3) used at 1:200 dilution for 40 minutes at 37°C. DAPI (5ug/ml, blue, C-0033) was used to stain the cell nuclei

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.