

# Unc18-3 Rabbit pAb

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Catalog # AP58449

## Product Information

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| <b>Application</b>             | IHC-P, IHC-F, IF                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Primary Accession</b>       | <a href="#">O00186</a>                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Predicted</b>               | Rat, Pig, Dog, Human, Mouse, Rabbit                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Calculated MW</b>           | 67764                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Physical State</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from human Unc18-3                                                                                                                                                                                                                                                                                                                                                       |
| <b>Epitope Specificity</b>     | 165-260/592                                                                                                                                                                                                                                                                                                                                                                                                       |
| <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>    | Cytoplasm, cytosol. Cell 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> | May participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. Essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. Can interact with syntaxins 1, 2, and 3 but not syntaxin 4. May play a role in determining the specificity of intracellular fusion reactions. |

## Additional Information

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| <b>Gene ID</b>     | 6814                                                                                                                                                                                            |
| <b>Other Names</b> | Syntaxin-binding protein 3, Platelet Sec1 protein, PSP, Protein unc-18 homolog 3, Unc18-3, Protein unc-18 homolog C, Unc-18C, STXBP3                                                            |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:50-200,ELISA=1:5000-10000                                                                                                                                  |
| <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> | STXBP3 |
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| <b>Function</b>          | Together with STX4 and VAMP2, may play a role in insulin- dependent movement of GLUT4 and in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes. |
| <b>Cellular Location</b> | Cytoplasm, cytosol. Cell membrane. Note=In platelets, predominantly cytosolic. Low amounts membrane-associated                                                                              |
| <b>Tissue Location</b>   | Megakaryocytes and platelets.                                                                                                                                                               |

## Background

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