

# SIDT1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP13510c

## Product Information

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| <b>Application</b>       | WB, E   |
| <b>Primary Accession</b> | <a href="#">Q9NXL6</a>  |
| <b>Other Accession</b>   | <a href="#">Q6Q3F5</a> , <a href="#">Q6AXF6</a> , <a href="#">NP_060169.2</a> |
| <b>Reactivity</b>        | Human   |
| <b>Predicted</b>         | Mouse, Rat  |
| <b>Host</b>              | Rabbit  |
| <b>Clonality</b>         | Polyclonal  |
| <b>Isotype</b>           | Rabbit IgG  |
| <b>Calculated MW</b>     | 93839   |
| <b>Antigen Region</b>    | 412-441   |

## Additional Information

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|---------------------------|--|
| <b>Gene ID</b>            | 54847  |
| <b>Other Names</b>        | SID1 transmembrane family member 1, SIDT1  |
| <b>Target/Specificity</b> | This SIDT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 412-441 amino acids from the Central region of human SIDT1.          |
| <b>Dilution</b>           | WB~~1:1000 E~~Use at an assay dependent concentration.   |
| <b>Format</b>             | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| <b>Storage</b>            | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                      |
| <b>Precautions</b>        | SIDT1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.  |

## Protein Information

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|-----------------|--|
| <b>Name</b>     | SIDT1  |
| <b>Function</b> | In vitro binds long double-stranded RNA (dsRNA) (500 and 700 base pairs), but not dsRNA shorter than 300 bp. Not involved in RNA autophagy, a process in which RNA is directly imported into lysosomes in an ATP-dependent manner, and degraded. |

**Cellular Location**

Membrane; Multi-pass membrane protein

## Background

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SIDT1 belongs to the SID1 family.

## References

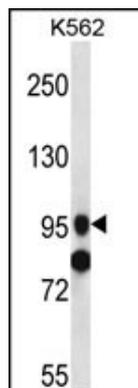
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Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :

Duxbury, M.S., et al. Biochem. Biophys. Res. Commun. 331(2):459-463(2005)

## Images

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SIDT1 Antibody (Center) (Cat. #AP13510c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the SIDT1 antibody detected the SIDT1 protein (arrow).

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