

**Anti-SIDT1 Antibody**  
**Catalog # ABO11420****Specification**

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**Anti-SIDT1 Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">Q9NXL6</a> |
| Host              | Rabbit                 |
| Reactivity        | Human                  |
| Clonality         | Polyclonal             |
| Format            | Lyophilized            |

**Description**

Rabbit IgG polyclonal antibody for SID1 transmembrane family member 1(SIDT1) detection. Tested with WB in Human.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-SIDT1 Antibody - Additional Information**

**Gene ID** 54847

**Other Names**

SID1 transmembrane family member 1, SIDT1

**Calculated MW**

93839 MW KDa

**Application Details**

Western blot, 0.1-0.5 µg/ml, Human<br>

**Subcellular Localization**

Membrane ; Multi-pass membrane protein .

**Protein Name**

SID1 transmembrane family member 1

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Thimerosal, 0.05mg NaN<sub>3</sub>.

**Immunogen**

A synthetic peptide corresponding to a sequence at the N-terminus of human SIDT1(36-52aa RRDPFDAARGADFDHVV), different from the related rat sequence by five amino acids, and different from the related mouse sequence by three amino acids.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

## Anti-SIDT1 Antibody - Protein Information

**Name** SIDT1

### Function

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

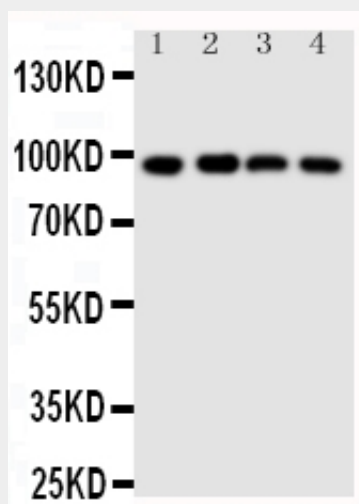
Membrane; Multi-pass membrane protein

## Anti-SIDT1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-SIDT1 Antibody - Images



Anti-SIDT1 antibody, ABO11420, Western blotting  
Lane 1: HELA Cell Lysate  
Lane 2: COLO320 Cell Lysate  
Lane 3: SW620 Cell Lysate  
Lane 4: HT1080 Cell Lysate

**Anti-SIDT1 Antibody - Background**

SID1 transmembrane family member 1, also called SID1, C. ELEGANS, is a protein which in humans is encoded by the SIDT1 gene. The protein encoded by this gene links to HGNC-curated gene family pages. The gene was assigned to human chromosome 3q13.31. This protein likely plays an important role in RNA transmembrane transporter activity.