

Anti-SIDT1 Antibody

Catalog # ABO11420

Product Information

Application	WB
Primary Accession	Q9NXL6
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.

Additional Information

Gene ID	54847
Other Names	SID1 transmembrane family member 1, SIDT1
Calculated MW	93839
Application Details	Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	Membrane ; Multi-pass membrane protein .
Source	Eukaryota
Protein Name	SID1 transmembrane family member 1
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
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.

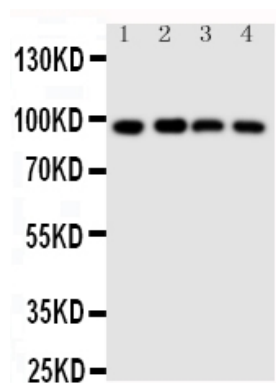
Protein Information

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

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.

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

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