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SIDT1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13510c

Product Information

Application	WB, E
Primary Accession	Q9NXL6
Other Accession	Q6Q3F5, Q6AXF6, NP_060169.2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	93839
Antigen Region	412-441

Additional Information

Gene ID	54847
Other Names	SID1 transmembrane family member 1, SIDT1
Target/Specificity	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.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	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.
Storage	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.
Precautions	SIDT1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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

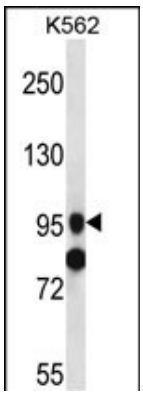
Background

SIDT1 belongs to the SID1 family.

References

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



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'.