10320 Camino Santa Fe, Suite G
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SIDT1 (aa334-347) Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3615a

Specification

SIDT1 (aa334-347) Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q9NXL6
Other Accession	NP_060169.2, 54847, 320007 (mouse), 288109 (rat)
Reactivity	**Human, Mouse, Rat**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**93839**

SIDT1 (aa334-347) Antibody (internal region) - Additional Information

Gene ID 54847

Other Names
SID1 transmembrane family member 1, SIDT1

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SIDT1 (aa334-347) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

SIDT1 (aa334-347) Antibody (internal region) - 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

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SIDT1 (aa334-347) Antibody (internal region) - Protocols

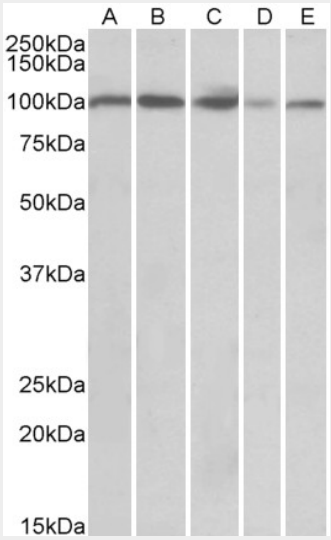
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SIDT1 (aa334-347) Antibody (internal region) - Images



AF3615a (0.3 µg/ml) staining of Human Cerebellum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF3615a (0.3 µg/ml) staining of Human Spleen (A), Human Thymus (B), Mouise Spleen (C), Mouse Thymus (D) and Rat Thymus (E) lysates (35 µg protein in RIPA buffer). Primary incubation was 1

hour. Detected by chemiluminescence.

SIDT1 (aa334-347) Antibody (internal region) - References

RNA interference: a mammalian SID-1 homologue enhances siRNA uptake and gene silencing efficacy in human cells. Duxbury MS, Ashley SW, Whang EE. Biochem Biophys Res Commun. 2005 Jun 3;331(2):459-63. PMID: 15850781