

SUDS3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17668a

Specification

SUDS3 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q9H7L9
Other Accession	Q8BR65 , A6H6W9 , NP_071936.2
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	38136
Antigen Region	72-98

SUDS3 Antibody (N-term) - Additional Information

Gene ID 64426

Other Names

Sin3 histone deacetylase corepressor complex component SDS3, 45 kDa Sin3-associated polypeptide, Suppressor of defective silencing 3 protein homolog, SUDS3, SAP45, SDS3

Target/Specificity

This SUDS3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-98 amino acids from the N-terminal region of human SUDS3.

Dilution

WB~~1:1000

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

SUDS3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SUDS3 Antibody (N-term) - Protein Information

Name SUDS3

Synonyms SAP45, SDS3

Function Regulatory protein which represses transcription and augments histone deacetylase activity of HDAC1. May have a potential role in tumor suppressor pathways through regulation of apoptosis. May function in the assembly and/or enzymatic activity of the mSin3A corepressor complex or in mediating interactions between the complex and other regulatory complexes.

Cellular Location

Nucleus.

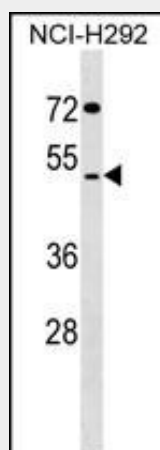
Tissue Location

Expressed in various cancer cell lines.

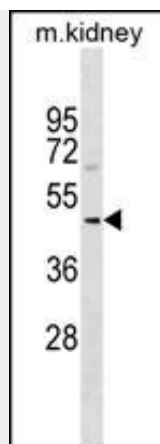
SUDS3 Antibody (N-term) - Protocols

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](#)

SUDS3 Antibody (N-term) - Images

SUDS3 Antibody (N-term) (Cat. #AP17668a) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the SUDS3 antibody detected the SUDS3 protein (arrow).



SUDS3 Antibody (N-term) (Cat. #AP17668a) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the SUDS3 antibody detected the SUDS3 protein (arrow).

SUDS3 Antibody (N-term) - Background

SDS3 is a subunit of the histone deacetylase (see HDAC1; MIM 601241)-dependent SIN3A (MIM 607776) corepressor complex (Fleischer et al., 2003 [PubMed 12724404]).

SUDS3 Antibody (N-term) - References

Silveira, A.C., et al. Cancer Lett. 276(1):32-37(2009)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
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Hurst, D.R., et al. Biochem. Biophys. Res. Commun. 348(4):1429-1435(2006)
Fleischer, T.C., et al. Mol. Cell. Biol. 23(10):3456-3467(2003)