



Rabbit Anti-SDS3 antibody

SL19606R

Product Name:	SDS3
Chinese Name:	缺陷沉默抑制因子3抗体
Alias:	2400003N08Rik; 2410008L21Rik; 45 kDa Sin3 associated polypeptide; 45 kDa Sin3-associated polypeptide; AU067672; FLJ00052; FLJ13739; MGC104711; mSds3; RGD1305986; SAP45; SDS3; SDS3, yeast, homolog of; SDS3_HUMAN; Sin3 histone deacetylase corepressor complex component SDS3; Sin3A associated protein 45kDa; Suds3; Suppressor of defective silencing 3; Suppressor of defective silencing 3 homolog (S cerevisiae); Suppressor of defective silencing 3 homolog (SDS3 S cerevisiae); Suppressor of defective silencing 3 protein homolog.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Cow,Monkey,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	38kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SDS3:251-328/328
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	SDS3 is a subunit of the histone deacetylase (see HDAC1; MIM 601241)-dependent

SIN3A (MIM 607776) corepressor complex (Fleischer et al., 2003 [PubMed 12724404]).[supplied by OMIM, Mar 2008]

Function:

Regulatory protein which represses transcription and augments histone deacetylase activity of HDAC1. May have a potential role in tumor suppressor pathways (By similarity). 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.

Tissue Specificity:

Expressed in various cancer cell lines.

Similarity:

Belongs to the SDS3 family.

SWISS:

Q9H7L9

Gene ID:

64426

Database links:

[Entrez Gene: 64426](#) Human

[Entrez Gene: 71954](#) Mouse

[Entrez Gene: 445099](#) Zebrafish

[Omim: 608250](#) Human

[SwissProt: Q9H7L9](#) Human

[SwissProt: Q8BR65](#) Mouse

[Unigene: 416630](#) Human

[Unigene: 602312](#) Human

[Unigene: 34456](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

