



Rabbit Anti-SEN5 antibody

SL8464R

Product Name:	SEN5
Chinese Name:	Ubiquitin相关修饰蛋白特异性蛋白酶5抗体
Alias:	FKSG45; Protease FKSG45; SENP5; SENP5_HUMAN; Sentrin specific protease SENP5; Sentrin-specific protease 5; Sentrin/SUMO specific protease SENP5; Sentrin/SUMO-specific protease SENP5; SUMO specific protease SENP5; FLJ42398; MGC27076.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	87kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SENP5:451-550/755
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:	Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO3 to its mature form and deconjugation of SUMO2 and SUMO3 from targeted proteins. Has weak proteolytic activity against full-length SUMO1 or SUMO1 conjugates. Required for cell division.

Function:

Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO3 to its mature form and deconjugation of SUMO2 and SUMO3 from targeted proteins. Has weak proteolytic activity against full-length SUMO1 or SUMO1 conjugates. Required for cell division.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the peptidase C48 family.

SWISS:

Q96HI0

Gene ID:

205564

Database links:

[Entrez Gene: 205564](#)Human

[Entrez Gene: 320213](#)Mouse

[Omim: 612845](#)Human

[SwissProt: Q96HI0](#)Human

[SwissProt: Q6NXL6](#)Mouse

[Unigene: 240770](#)Human

[Unigene: 152890](#)Mouse

Important Note:

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