

Rabbit SENP5 Polyclonal Antibody | anti-SENP5 antibody

SENP5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320917	Rabbit	Human, Mouse, Monkey	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SENP5; Polyclonal Antibody; SENP5 Antibody; FKSG45; FLJ42398; MGC27076; Protease FKSG45; SENP5_HUMAN; Sentrin specific protease SENP5; Sentrin-specific protease 5; Sentrin/SUMO specific protease SENP5; Sentrin/SUMO-specific protease SENP5; SUMO specific protease SENP5; SUMO1/sentrin specific peptidase 5; SUMO1/sentrin specific protease 5; anti-SENP5 antibody

PRODUCT SPECIFICATIONS

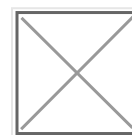
Host	Rabbit
Reactivity	Human, Mouse, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	SENP5 antibody detects endogenous levels of total SENP5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	709
Applicable Applications for anti-SENP5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SENP5
Subcellular Location	Nucleus > Nucleolus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (91%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis on COS7 cell lysate using SENP5 Antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA320917 staining COS7 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293, using SENP5 Antibody.



IHC (Immunohistochemistry)

AAA320917 at 1/100 staining human lung carcinoma tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-SENP5 antibody

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.
Subunit Structure: Interacts with CCAR2.
Similarity: Belongs to the peptidase C48 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	808688298
NCBI GeneID	205564
NCBI Accession #	NP_001294974.1
NCBI GenBank Nucleotide #	NM_001308045.1
UniProt Accession #	Q96HI0; Q96SA5; B4DY82
Molecular Weight	Observed: 86 kDa Predicted: 87 kDa
NCBI Official Full Name	sentrin-specific protease 5 isoform 2
NCBI Official Synonym Full Names	SUMO specific peptidase 5
NCBI Official Symbol	SENP5
NCBI Protein Information	sentrin-specific protease 5
UniProt Protein Name	Sentrin-specific protease 5
UniProt Gene Name	SENP5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/senp5-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320917>