

Rabbit anti-Human SENP1 Polyclonal Antibody | anti-SENP1 antibody

SENP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303705	Rabbit	Human	Immunohistochemistry, Western Blot

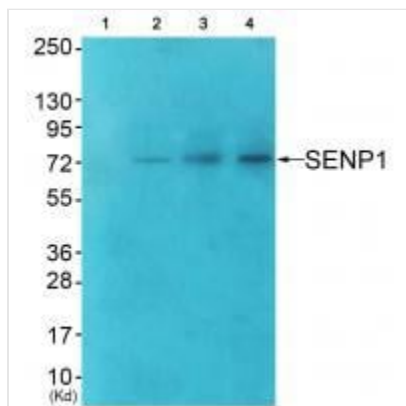
PRODUCT SYNONYMS

SENP1; Polyclonal Antibody; SENP1 Antibody; SUMO1; sentrin specific protease 1; EC 3.4.22.-; Sentrin/SUMO-specific protease SENP1; anti-SENP1 antibody

PRODUCT SPECIFICATIONS

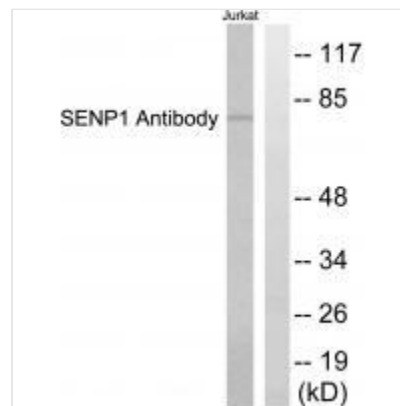
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SENP1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	644
Applicable Applications for anti-SENP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human SENP1.
Target Name	SENP1
Preparation and Storage	Store at -20 degree C

IMAGES



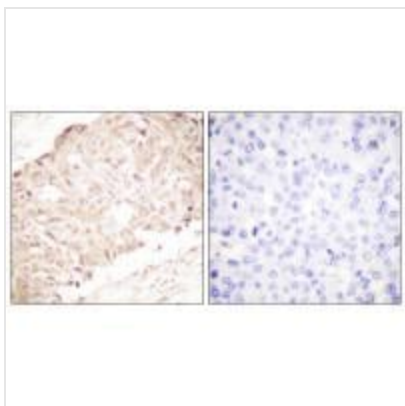
WB (Western Blot)

Western blot analysis of extracts from JK cells (Lane 2), COS7 cells (Lane 3) and HuvEc cells (Lane 4), using SENP1 antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using SENP1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using SENP1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SENP1 antibody	Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO1, SUMO2 and SUMO3 to their mature forms and deconjugation of SUMO1, SUMO2 and SUMO3 from targeted proteins. Deconjugates SUMO1 from HIPK2. Deconjugates SUMO1 from HDAC1 and BHLHE40/DEC1, which decreases its transcriptional repression activity. Deconjugates SUMO1 from CLOCK, which decreases its transcriptional activation activity. Taihei Yamaguchi, Mol. Cell. Biol., Jun 2005; 25: 5171 - 5182. Jinke Cheng, Mol. Cell. Biol., Jul 2004; 24: 6021 - 6028. Molly A. Brewer, AACR Meeting Abstracts, Mar 2004; 2004: 1006. Imke M. Veltman, Hum. Mol. Genet., Jul 2005; 14: 1955 - 1963.
Product Categories/Family for anti-SENP1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	390131988
NCBI GeneID	29843
NCBI Accession #	NP_001254523.1
NCBI GenBank Nucleotide #	NM_001267594.1
UniProt Accession #	Q9P0U3; Q86XC8; A8K7P5
Molecular Weight	73,351 Da
NCBI Official Full Name	senrin-specific protease 1
NCBI Official Synonym Full Names	SUMO1/senrin specific peptidase 1
NCBI Official Symbol	SENP1
NCBI Official Synonym Symbols	SuPr-2
NCBI Protein Information	senrin-specific protease 1
UniProt Protein Name	Senrin-specific protease 1
UniProt Gene Name	SENP1
UniProt Entry Name	SENP1_HUMAN

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/senp1-antibody-immunohistochemistry-western-blot-elisa/303705>