

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

SENP1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284434	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

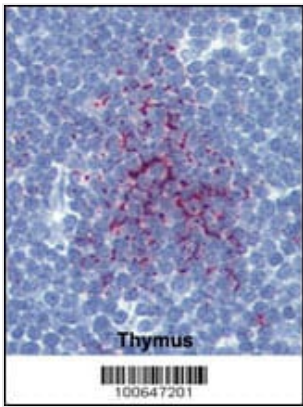
PRODUCT SYNONYMS

SENP1; Polyclonal Antibody; SENP1 Antibody (N-term); Sentrin-specific protease 1; Sentrin/SUMO-specific protease SENP1; anti-SENP1 antibody

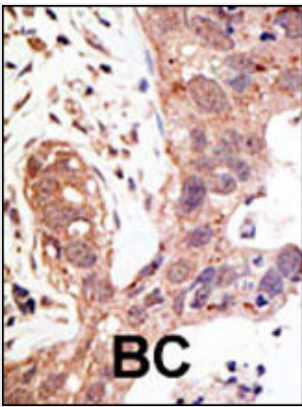
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SENP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 28-59 amino acids from the N-terminal region of human SENP1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	28-59
Sequence Length	643
Applicable Applications for anti-SENP1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

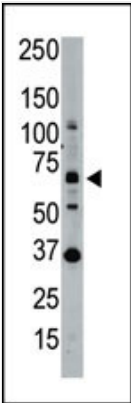
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human Thymus tissue reacted with SENP1 Antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of SENP1 polyclonal antibody in whole HL60 cell lysate: SENP1 (Arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-SENP1 antibody	SENP1 is a 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. SENP deconjugates SUMO1 from HIPK2 and from HDAC1, which decreases the transcriptional repression activity of the latter.
Product Categories/Family for anti-SENP1 antibody	Cell Biology
References	Gong, L., et al., J. Biol. Chem. 275(5):3355-3359 (2000). Bailey, D., et al., J. Gen. Virol. 83 (Pt 12), 2951-2964 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	390131988
NCBI GeneID	29843
NCBI Accession #	NP_001254523.1; NP_001254524.1
NCBI GenBank Nucleotide #	NM_001267594.1
UniProt Accession #	Q9P0U3; Q86XC8; A8K7P5

Molecular Weight	73481
NCBI Official Full Name	sentrin-specific protease 1
NCBI Official Synonym Full Names	SUMO1/sentrin specific peptidase 1
NCBI Official Symbol	SEN1
NCBI Official Synonym Symbols	SuPr-2
NCBI Protein Information	sentrin-specific protease 1
UniProt Protein Name	Sentrin-specific protease 1
UniProt Gene Name	SEN1
UniProt Entry Name	SEN1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/senp1-antibody-immunohistochemistry-western-blot-elisa/284434>