

Rabbit SENP6 Polyclonal Antibody | anti-SENP6 antibody

SENP6 antibody - C-terminal region

CATALOG # AAA200106	HOST Rabbit	REACTIVITY Cow, Horse, Human, Pig	APPLICATIONS Western Blot
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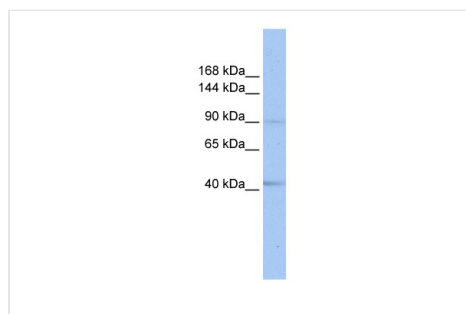
PRODUCT SYNONYMS

SENP6; Polyclonal Antibody; SENP6 antibody - C-terminal region; anti-SENP6 antibody

PRODUCT SPECIFICATIONS

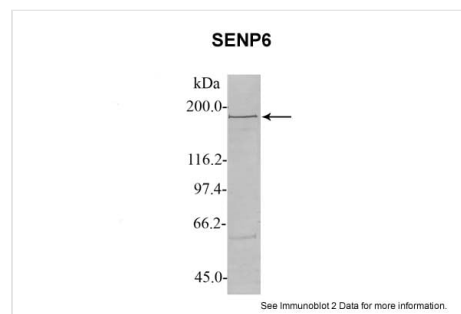
Host	Rabbit
Reactivity	Cow, Horse, Human, Pig
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MN LANWFPPPRM RTKREEIRNI ILKLQEDQSK EK RKHKDTYS TEAPLGEG
Sequence Length	1105
Applicable Applications for anti-SENP6 antibody	WB (Western Blot)
Homology	Cow: 79%; Horse: 79%; Human: 100%; Pig: 91%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human SENP6
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-SENP6 Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate SENP6 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



WB (Western Blot)

Sample Type: Rat Sample Type: 1. Rat Testis cells (200ug) Primary Dilution: 1:1000 Secondary Antibody: alkaline phosphatase-conjugated anti-rabbit Secondary Dilution: 1:1000 Image Submitted by: Andreia Carvalho BMC-OB, Portugal See Customer Feedback tab for detailed information.

ADDITIONAL INFORMATION

Related Product Information for anti-SENP6 antibody	This is a rabbit polyclonal antibody against SENP6. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SENP6 is a UBL-specific protease that deconjugates SUMO1, SUMO2 and SUMO3 from targeted proteins. It does not seem to be involved in the processing of full-length SUMO proteins to their mature forms. SENP6 deconjugates SUMO1 from RXRA, leading to transcriptional activation. It may act preferentially on substrates containing 3 or more SUMO2 or SUMO3 moieties. Ubiquitin-like molecules (UBLs), such as SUMO1 (UBL1; MIM 601912), are structurally related to ubiquitin (MIM 191339) and can be ligated to target proteins in a similar manner as ubiquitin. However, covalent attachment of UBLs does not result in degradation of the modified proteins. SUMO1 modification is implicated in the targeting of RANGAP1 (MIM 602362) to the nuclear pore complex, as well as in stabilization of I-kappa-B-alpha (NFKBIA; MIM 164008) from degradation by the 26S proteasome. Like ubiquitin, UBLs are synthesized as precursor proteins, with 1 or more amino acids following the C-terminal glycine-glycine residues of the mature UBL protein. Thus, the tail sequences of the UBL precursors need to be removed by UBL-specific proteases, such as SENP6, prior to their conjugation to target proteins (Kim et al., 2000 [PubMed 10799485]).[supplied by OMIM].
Product Categories/Family for anti-SENP6 antibody	Polyclonal; Chromatin & Nuclear Signaling; E3 & Ubiquitin; Sumoylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	156105703
NCBI GeneID	26054
NCBI Accession #	NP_001093879
NCBI GenBank Nucleotide #	NM_001100409
UniProt Accession #	Q9GZR1
Molecular Weight	125kDa
NCBI Official Full Name	sentrin-specific protease 6 isoform 2
NCBI Official Synonym Full Names	SUMO specific peptidase 6
NCBI Official Symbol	SENP6
NCBI Official Synonym Symbols	SSP1; SUSP1
NCBI Protein Information	sentrin-specific protease 6
UniProt Protein Name	Sentrin-specific protease 6
UniProt Gene Name	SENP6
UniProt Synonym Gene Names	KIAA0797; SSP1; SUSP1
UniProt Entry Name	SENP6_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/senp6-antibody-western-blot-elisa/200106>