

Rabbit SUMO3 Polyclonal Antibody | anti-SUMO3 antibody

SUMO3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307654	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

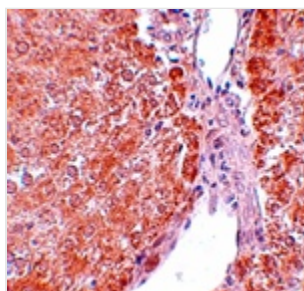
PRODUCT SYNONYMS

SUMO3; Polyclonal Antibody; SUMO3 Antibody; Small ubiquitin-related modifier 3; SMT3 suppressor of mif two 3 homolog 3; SMT3A; SMT3H1; SMT3 homolog 1; anti-SUMO3 antibody

PRODUCT SPECIFICATIONS

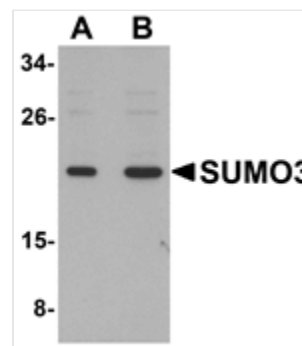
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	103
Applicable Applications for anti-SUMO3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 13 amino acid peptide near the carboxy terminus of human SUMO3.
Target Name	SUMO3
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of SUMO2/3 in rat liver tissue with SUMO2/3 antibody at 5 ug/mL.



WB (Western Blot)

Western blot analysis of SUMO3 in mouse liver tissue lysate with SUMO3 antibody at (A) and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SUMO3 antibody	Small ubiquitin-like modifiers (SUMOs) are a family of small, related proteins (Sumo-1/2/3/4) that can be enzymatically attached to a target protein by a post-translational modification process termed sumoylation, which is a major regulator of protein function in cellular processes such as nuclear transport, transcriptional regulation, apoptosis and protein stability. All SUMO proteins localize to the nucleus and are covalently conjugated, affecting protein structure, function and interactions. SUMO2 and 3 are 96% identical and are more mobile within nucleus relative to SUMO1. Specific functional differences between SUMO1 and SUMO2 and 3 remain to be identified.
Product Categories/Family for anti-SUMO3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	48928058
NCBI GeneID	6612
NCBI Accession #	NP_008867
NCBI GenBank Nucleotide #	NM_006936.2
Molecular Weight	15,768 Da
NCBI Official Full Name	small ubiquitin-related modifier 3 isoform 1
NCBI Official Synonym Full Names	small ubiquitin-like modifier 3
NCBI Official Symbol	SUMO3
NCBI Official Synonym Symbols	SMT3A; Smt3B; SMT3H1; SUMO-3
NCBI Protein Information	small ubiquitin-related modifier 3
UniProt Protein Name	Small ubiquitin-related modifier 3
UniProt Gene Name	SUMO3
UniProt Synonym Gene Names	Smt3A
UniProt Entry Name	SUMO3_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/sumo3-antibody-immunohistochemistry-western-blot-elisa/307654>