

Rabbit SUMO2/3 Polyclonal Antibody | anti-SUMO2 antibody

SUMO2/3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39428	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

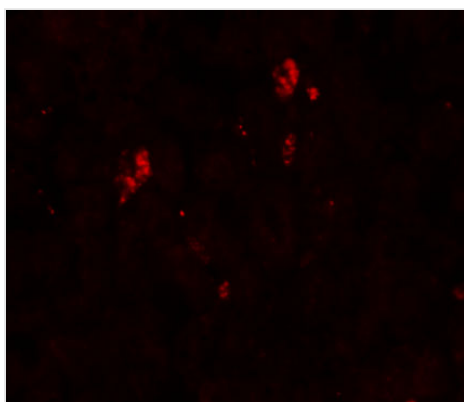
PRODUCT SYNONYMS

SUMO2/3; Polyclonal Antibody; SUMO2/3 Antibody; HSMT3; SMT3B; SUMO3; Smt3A; SMT3H2; SMT3A; Small ubiquitin-related modifier 2; SUMO-2; SMT3 suppressor of mif two 3 homolog 2 (*S. cerevisiae*); anti-SUMO2 antibody

PRODUCT SPECIFICATIONS

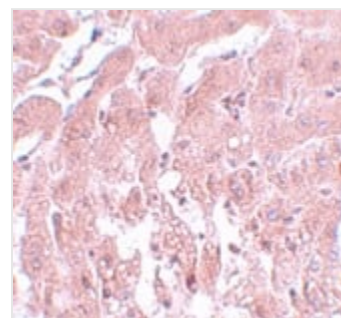
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SUMO2/3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	95
Applicable Applications for anti-SUMO2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SUMO2/3 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human SUMO2.
Buffer	SUMO2/3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



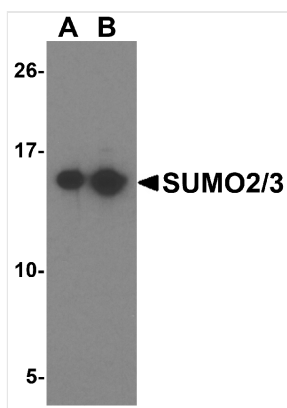
IF (Immunofluorescence)

Immunofluorescence of SUMO2/3 in rat liver tissue with SUMO2/3 antibody at 20 µg/mL.



IHC (Immunohistochemistry)

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



WB (Western Blot)

Western blot analysis of SUMO2/3 in Jurkat cell lysate with SUMO2/3 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SUMO2 antibody

SUMO2/3 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47940079
NCBI GeneID	6613
UniProt Accession #	P61956; P55855; Q32Q42; Q6IPZ6; Q96HK1; B2R4I2
Molecular Weight	8,111 Da
NCBI Official Full Name	SUMO2 protein
NCBI Official Synonym Full Names	small ubiquitin-like modifier 2
NCBI Official Symbol	SUMO2
NCBI Official Synonym Symbols	HSMT3; SMT3B; SUMO3; Smt3A; SMT3H2
NCBI Protein Information	small ubiquitin-related modifier 2; sentrin 2; SMT3 homolog 2; ubiquitin-like protein SMT3A; ubiquitin-like protein SMT3B; SMT3 suppressor of mif two 3 homolog 2
UniProt Protein Name	Small ubiquitin-related modifier 2
UniProt Gene Name	SUMO2
UniProt Synonym Gene Names	SUMO-2Curated
UniProt Entry Name	SUMO2_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://stage.aaabiotech.com/polyclonal/sumo2-3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39428>