

Rabbit Sumo3 Polyclonal Antibody | anti-SUMO3 antibody

Sumo3 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199629	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

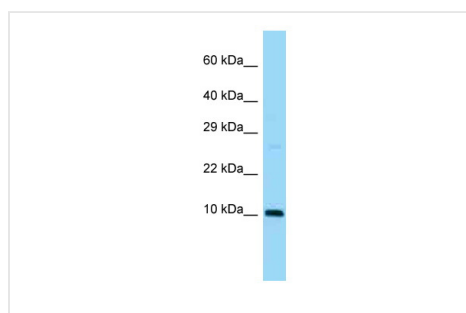
PRODUCT SYNONYMS

Sumo3; Polyclonal Antibody; Sumo3 Antibody - N-terminal region; anti-SUMO3 antibody

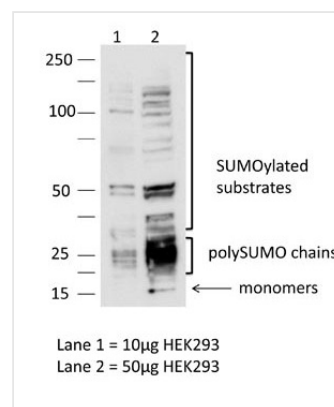
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
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: PK EGVKTENDHI NLKVAGQDGS VVQFKIKRHT PLSKLMKAYC ERQGLSMR
Sequence Length	110
Applicable Applications for anti-SUMO3 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Sumo3
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)

Sumo3 Antibody - N-terminal region validated by WB using Mouse Heart lysate at 1ug/ml.


WB (Western Blot)

Sample Type: Human, Mouse Sample: HEK293 cells (10ug, 50ug) Dilution: 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-SUMO3 antibody	This is a rabbit polyclonal antibody against Sumo3. It was validated on Western Blot Target Description: Sumo3 is a ubiquitin-like protein which can be covalently attached to target lysines either as a monomer or as a lysine-linked polymer. It does not seem to be involved in protein degradation and may function as an antagonist of ubiquitin in the degradation process. It plays a role in a number of cellular processes such as nuclear transport, DNA replication and repair, mitosis and signal transduction. Covalent attachment to its substrates requires prior activation by the E1 complex SAE1-SAE2 and linkage to the E2 enzyme UBE2I, and can be promoted by an E3 ligase such as PIAS1-4, RANBP2 or CBX4.
Product Categories/Family for anti-SUMO3 antibody	Polyclonal; Signal Transduction; DNA Damage & Repair; E3 & Ubiquitin; Meiosis/Mitosis/Cell Cycle; Sumoylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910556
NCBI GeneID	20610
NCBI Accession #	NP_064313
NCBI GenBank Nucleotide #	NM_019929
UniProt Accession #	Q9Z172
Molecular Weight	12kDa
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; SUMO-3; Smt3h1; D10Ertd345e; 2810014B19Rik
NCBI Protein Information	small ubiquitin-related modifier 3
UniProt Protein Name	Small ubiquitin-related modifier 3
UniProt Gene Name	Sumo3
UniProt Synonym Gene Names	Smt3b; Smt3h1; SUMO-3; Smt3B
UniProt Entry Name	SUMO3_MOUSE

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/sumo3-antibody-western-blot-elisa/199629>