

Rabbit D SUMO Polyclonal Antibody | anti-O97102 antibody

D SUMO Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287118	Rabbit	Drosophila, human	ELISA, Western Blot

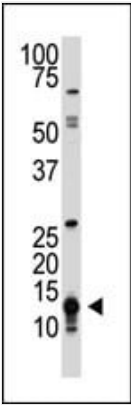
PRODUCT SYNONYMS

D SUMO; Polyclonal Antibody; D SUMO Antibody (C-term); CG4494-PA; LD07775p; Smt3; Ubiquitin-like protein SMT3; anti-O97102 antibody

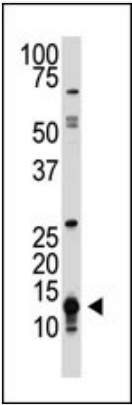
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Drosophila, human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Drosophila SUMO antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 37-66 amino acids from the C-terminal region of human Drosophila SUMO.
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	37-66
Sequence Length	90
Applicable Applications for anti-O97102 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	DROME
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



WB (Western Blot)
The SUMO1 Pab is used in Western blot to detect SUMO1 in HL-60 cell lysate.



WB (Western Blot)
Western blot analysis of lysate from Drosophila tissue lysate, using SUMO Antibody (V52)(Drsophila). AAA287118 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-O97102 antibody	Covalent modification of target lysines by SUMO (small ubiquitin-like modifier) modulates processes such as protein localization, transcription, nuclear transport, mitosis, DNA replication and repair, signal transduction, and viral reproduction. SUMO does not seem to be involved in protein degradation and may in fact function as an antagonist of ubiquitin in the degradation process. In the development of Drosophila, SUMO plays a maternal role in anterior-posterior (A/P) polarity and patterning.
References	Muller S, et al., Nat Rev Mol Cell Biol. 2001 2(3):202-10 Review. Hochstrasser M. Cell. 2001 107(1):5-8. Review. Kahyo T, et al., Mol Cell. 2001 Sep;8(3):713-8. Yeh ET, et al., Gene. 2000 May 2;248(1-2):1-14. Review. Keane,M.M., et al., Oncogene 18 (22), 3365-3375 (1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	17137634
NCBI GeneID	33981
NCBI Accession #	NP_477411.1
NCBI GenBank Nucleotide #	NM_058063.4
UniProt Accession #	O97102
Molecular Weight	10124
NCBI Official Full Name	smt3
NCBI Official Symbol	smt3
NCBI Official Synonym Symbols	anon-EST:Posey240; CG4494; Dm0342; DmelCG4494; Dmsmt3; DmSmt3; DmSUMO-1; dsmt3; dSmt3; I(2)04493; I(2)SH0182; I(2)SH2 0182; Smt3; SMT3; sumo; Sumo; SUMO
NCBI Protein Information	CG4494 gene product from transcript CG4494-RA
UniProt Protein Name	Small ubiquitin-related modifier
UniProt Gene Name	smt3
UniProt Synonym Gene Names	SUMO
UniProt Entry Name	O97102_DROME

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/d-sumo-antibody-western-blot-elisa/287118>