

Sumo1 Antibody | anti-Sumo1 antibody

Sumo1 Antibody

CATALOG # AAA109534	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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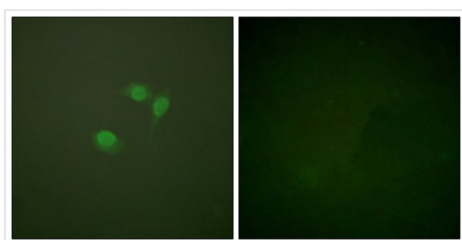
PRODUCT SYNONYMS

Sumo1; Sumo1 Antibody; PIC1; SENTRIN; SMT3C; SMT3H3; UBL1; SMALL UBIQUITIN-LIKE MODIFIER 1; SMT3; suppressor of mif two 3 homolog 1 (yeast); YEAST; HOMOLOG 3; UBIQUITIN-LIKE 1; anti-Sumo1 antibody

PRODUCT SPECIFICATIONS

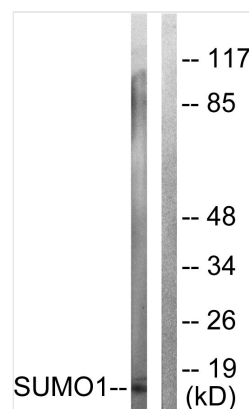
Reactivity	Human, Mouse, Rat
Specificity	Sumo1 antibody detects endogenous levels of total SUMO-1 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	101
Applicable Applications for anti-Sumo1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from N-terminal of human SUMO-1.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



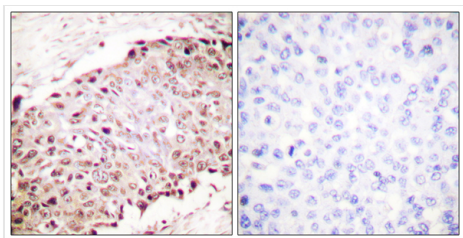
IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of NIH/3T3 cells, using Sumo1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Sumo1 antibody. Western blot analysis of extracts from 293 cells, using Sumo1 antibody.



Application Data
Peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-Sumo1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Margarita Vigodner, Am J Physiol Endocrinol Metab, May 2006; 290: E1022-E1033. Adrian Minty, J. Biol. Chem., Nov 2000; 275: 36316. Deborah A. Sampson, J. Biol. Chem., Jun 2001; 276: 21664-21669. Hidehisa Takahashi, J. Biol. Chem., Feb 2005; 280: 5611-5621.

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792065
NCBI GeneID	7341
NCBI Accession #	NP_001005781.1
NCBI GenBank Nucleotide #	NM_001005781.1
UniProt Accession #	P63165; P55856; Q6FGG0; Q6NZ62; Q93068; A8MUS8; B2R4I5
Molecular Weight	8,799 Da
NCBI Official Full Name	small ubiquitin-related modifier 1 isoform a
NCBI Official Synonym Full Names	small ubiquitin-like modifier 1
NCBI Official Symbol	SUMO1
NCBI Official Synonym Symbols	DAP1; GMP1; PIC1; SMT3; UBL1; OFC10; SENP2; SMT3C; SMT3H3
NCBI Protein Information	small ubiquitin-related modifier 1
UniProt Protein Name	Small ubiquitin-related modifier 1
UniProt Gene Name	SUMO1
UniProt Synonym Gene Names	SMT3C; SMT3H3; UBL1; SUMO-1; GMP1; Smt3C

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/human-mouse-rat-antibody/sumo1/109534>