

Rabbit anti-Human, Mouse SUMO4 Polyclonal Antibody | anti-SUMO4 antibody

SUMO4 Polyclonal Antibody

CATALOG # AAA36930	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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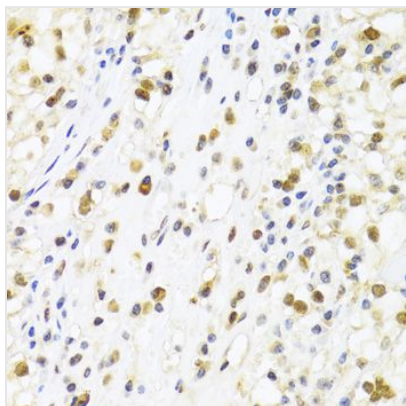
PRODUCT SYNONYMS

SUMO4; Polyclonal Antibody; SUMO4 Polyclonal Antibody; IDDM5; SMT3H4; SUMO-4; dJ281H8.4; anti-SUMO4 antibody

PRODUCT SPECIFICATIONS

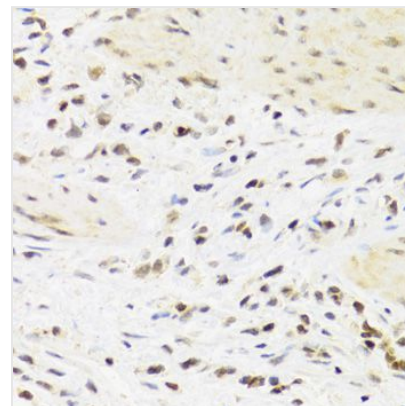
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	95
Applicable Applications for anti-SUMO4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Route	Synthetic Peptide
Immunogen	A synthetic peptide of human SUMO4
Calculated Molecular Weight	12kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



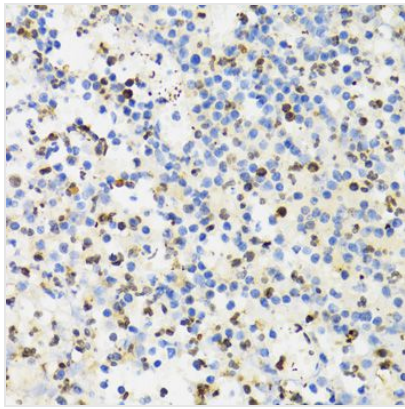
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney cancer using SUMO4 Antibody at dilution of 1:100 (40x lens).



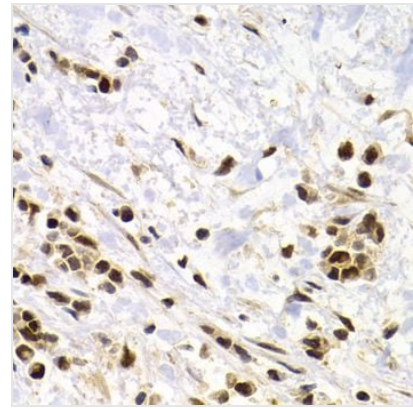
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using SUMO4 Antibody at dilution of 1:100 (40x lens).



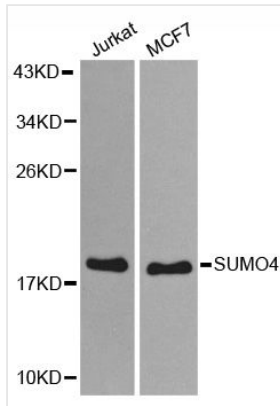
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human appendicitis using SUMO4 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney cancer using SUMO4 Antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SUMO4 antibody at 1:800 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-SUMO4 antibody	This gene is a member of the SUMO gene family. This family of genes encode small ubiquitin-related modifiers that are attached to proteins and control the target proteins' subcellular localization, stability, or activity. The protein described in this record is located in the cytoplasm and specifically modifies IKBA, leading to negative regulation of NF-kappa-B-dependent transcription of the IL12B gene. A specific polymorphism in this SUMO gene, which leads to the M55V substitution, has been associated with type I diabetes. The RefSeq contains this polymorphism.
Product Categories/Family for anti-SUMO4 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	81175019
NCBI GeneID	387082
UniProt Accession #	Q6EEV6 ; A1L3W5
Molecular Weight	95
NCBI Official Full Name	Small ubiquitin-related modifier 4
NCBI Official Synonym Full Names	small ubiquitin-like modifier 4
NCBI Official Symbol	SUMO4
NCBI Official Synonym Symbols	IDDM5; SMT3H4; SUMO-4; dJ281H8.4

NCBI Protein Information	small ubiquitin-related modifier 4; insulin-dependent diabetes mellitus 5; SMT3 suppressor of mif two 3 homolog 2; SMT3 suppressor of mif two 3 homolog 4; small ubiquitin-like modifier 4 protein
UniProt Protein Name	Small ubiquitin-related modifier 4
UniProt Gene Name	SUMO4
UniProt Synonym Gene Names	SMT3H4; SUMO-4
UniProt Entry Name	SUMO4_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/sumo4-antibody-immunohistochemistry-western-blot-elisa/36930>