

Rabbit SERP1 Polyclonal Antibody | anti-SERP1 antibody

SERP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328154	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

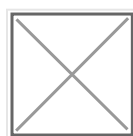
PRODUCT SYNONYMS

SERP1; Polyclonal Antibody; SERP1 Antibody; D3Ucla1; Ramp4; Ribosome associated membrane protein 4; Ribosome attached membrane protein 4; Ribosome-attached membrane protein 4; Serp1; SERP1_HUMAN; Stress associated endoplasmic reticulum protein 1; Stress-associated endoplasmic reticulum protein 1; anti-SERP1 antibody

PRODUCT SPECIFICATIONS

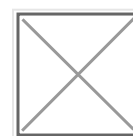
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SERP1 antibody detects endogenous levels of total SERP1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	66
Applicable Applications for anti-SERP1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SERP1
Subcellular Location	Membrane. Endoplasmic Reticulum Membrane.
Predicted Cross Reactivity	Pig, Bovine, Rabbit, Chicken
Similarity	Pig (100%), Bovine (100%), Rabbit (100%), Chicken (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis SERP1 using MCF7 whole cell lysates



IHC (Immunohistochemistry)

AAA328154 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-SERP1 antibody	Function: Interacts with target proteins during their translocation into the lumen of the endoplasmic reticulum. Protects unfolded target proteins against degradation during ER stress. May facilitate glycosylation of target proteins after termination of ER stress. May modulate the use of N-glycosylation sites on target proteins (By similarity). Subunit Structure: Interacts with SEC61B, SEC61A1 and the SEC61 complex. Interacts with CANX (By similarity). Similarity: Belongs to the RAMP4 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657552
NCBI GeneID	27230
NCBI Accession #	NP_055260.1
NCBI GenBank Nucleotide #	NM_014445.3
UniProt Accession #	Q9Y6X1; D3DNI6
Molecular Weight	Observed: 7 kDa Predicted: 8 kDa
NCBI Official Full Name	stress-associated endoplasmic reticulum protein 1
NCBI Official Synonym Full Names	stress associated endoplasmic reticulum protein 1
NCBI Official Symbol	SERP1
NCBI Official Synonym Symbols	RAMP4
NCBI Protein Information	stress-associated endoplasmic reticulum protein 1
UniProt Protein Name	Stress-associated endoplasmic reticulum protein 1
UniProt Gene Name	SERP1
UniProt Synonym Gene Names	RAMP4

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/serp1-antibody-immunohistochemistry-western-blot-elisa/328154>