

Rabbit anti-Human SRP72 Polyclonal Antibody | anti-SRP72 antibody

SRP72 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288087	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

SRP72; Polyclonal Antibody; SRP72 Antibody (Center); Signal recognition particle subunit SRP72; Signal recognition particle 72 kDa protein; anti-SRP72 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SRP72 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 119-148 amino acids from the Central region of human SRP72.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.34 (varies by lot)
Sequence Positions	119-148
Sequence Length	610
Applicable Applications for anti-SRP72 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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



IF (Immunofluorescence)

Immunofluorescence analysis of SRP72 Antibody (Center) with hela cells. 0.025 mg/ml primary antibody was followed by FITC-conjugated goat anti-rabbit IgG (whole molecule). FITC emits green fluorescence. Red counterstaining is PI.

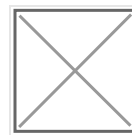


IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human pancreas with SRP72 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

**WB (Western Blot)**

Western blot analysis of SRP72 Antibody (Center) in Hela cell line lysates (35ug/lane). SRP72 (arrow) was detected using the purified Pab.

**FCM/FACS (Flow Cytometry)**

Flow cytometric analysis of hela cells using SRP72 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL INFORMATION

Related Product Information for anti-SRP72 antibody	Signal-recognition-particle assembly has a crucial role in targeting secretory proteins to the rough endoplasmic reticulum membrane. It binds the 7S RNA only in presence of SRP68. This ribonucleoprotein complex might interact directly with the docking protein in the ER membrane and possibly participate in the elongation arrest function.
Product Categories/Family for anti-SRP72 antibody	Signal Transduction
References	Utz,P.J., et.al., J. Biol. Chem. 273 (52), 35362-35370 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	391353390
NCBI GeneID	6731
NCBI Accession #	NP_001254651.1 ; NP_008878.3
NCBI GenBank Nucleotide #	NM_001267722.1
UniProt Accession #	O76094 ; Q7Z3C0 ; G5E9Z8
Molecular Weight	74606
NCBI Official Full Name	signal recognition particle subunit SRP72 isoform 2
NCBI Official Synonym Full Names	signal recognition particle 72kDa
NCBI Official Symbol	SRP72
NCBI Official Synonym Symbols	BMFF; BMFS1; HEL103
NCBI Protein Information	signal recognition particle subunit SRP72
UniProt Protein Name	Signal recognition particle subunit SRP72
UniProt Gene Name	SRP72
UniProt Synonym Gene Names	SRP72
UniProt Entry Name	SRP72_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/srp72-antibody-immunofluorescence-immunohistochemistry-western-blot-flow-cytometry-elisa/288087>