

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

Anti-SRP72 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256385	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SRP72; Polyclonal Antibody; Anti-SRP72 Antibody; Rabbit Polyclonal; SRP72 Antibody; Rabbit PAb; Antigen Affinity Purified; signal recognition particle 72kDa; Anti-BMFF Antibody; Anti-BMFS1 Antibody; Anti-HEL103 Antibody; anti-SRP72 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SRP72
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SRP72 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human SRP72 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SRP72 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of SRP72 in HeLa cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-Human SRP72 polyclonal antibody (dilution ratio 1:100) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human SRP72 in human pancreas with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-SRP72 rabbit polyclonal antibody at 1:500 dilution Lane A: K562 Whole Cell Lysate Lane B: HeLa Whole Cell Lysate Lane C: 293T Whole Cell Lysate Lane D: Jurkat Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 75 kDa Observed band size: 75 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SRP72 antibody

SRP72 (Signal Recognition Particle 72) is a Protein Coding gene. The SRP72 gene, located on 4q12, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, and rat, etc. This gene encodes the 72 kDa subunit of the signal recognition particle (SRP), a ribonucleoprotein complex that mediates the targeting of secretory proteins to the endoplasmic reticulum (ER). Among the six proteins of the eukaryotic SRP, the largest protein, SRP72, is essential for protein targeting and possesses a poorly characterized RNA binding domain. SRP72 is widely expressed in the thyroid, lymph node, and other tissues. Diseases associated with SRP72 include Bone Marrow Failure Syndrome 1 and Anterior Spinal Artery Syndrome.

References

Iakhiaeva E, et al. (2010) Identification of amino acid residues in protein srp72 required for binding to a kinked 5e motif of the human signal recognition particle rna. BMC Mol Biol 11 83. Iakhiaeva E, et al. (2005) Identification of an rna-binding domain in human srp72. J Mol Biol 345 (4): 659-666. D'Altri T, et al. (2019) Heterozygous loss of srp72 in mice is not associated with major hematological phenotypes. Eur J Haematol 103 (4): 319-328.

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-immunocytochemistry-immunohistochemistry-western-blot-elisa/256385>