

Rabbit SRP54 Polyclonal Antibody | anti-SRP54 antibody

SRP54 Antibody

CATALOG # AAA323302	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SRP54; Polyclonal Antibody; SRP54 Antibody; Signal recognition particle 54 kDa protein; Signal recognition particle 54kDa; SRP 54; SRP54_HUMAN; anti-SRP54 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SRP54 antibody detects endogenous levels of SRP54.
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	455
Applicable Applications for anti-SRP54 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SRP54.
Subcellular Location	Nucleus Speckle. Cytoplasm.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA323302 at 1/100 staining Human spleen 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.



WB (Western Blot)

Western blot analysis of extracts of NIH/3T3 cells, using SRP54 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SRP54 antibody	Function: Binds to the signal sequence of presecretory protein when they emerge from the ribosomes and transfers them to TRAM (translocating chain-associating membrane protein). Subunit Structure: Signal recognition particle consists of a 7S RNA molecule of 300 nucleotides and six protein subunits: SRP72, SRP68, SRP54, SRP19, SRP14 and SRP9. Interacts with RNPS1. Similarity: Has a two domain structure: the G-domain binds GTP; the M-domain binds the 7S RNA in presence of SRP19 and also binds the signal sequence. Belongs to the GTP-binding SRP family. SRP54 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226371618
NCBI GeneID	6729
NCBI Accession #	NP_001139754.1
NCBI GenBank Nucleotide #	NM_001146282.1
UniProt Accession #	P61011; P13624; B2R759; B4DUW6
Molecular Weight	Observed: 54 kDa Predicted: 56 kDa
NCBI Official Full Name	signal recognition particle 54 kDa protein isoform 2
NCBI Official Synonym Full Names	signal recognition particle 54
NCBI Official Symbol	SRP54
NCBI Protein Information	signal recognition particle 54 kDa protein
UniProt Protein Name	Signal recognition particle 54 kDa protein
UniProt Gene Name	SRP54
UniProt Synonym Gene Names	SRP54

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.