SRP9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SRP9, Polyclonal Antibody
Full Product Name	SRP9 Polyclonal Antibody
Product Gene Name	anti-SRP9 antibody
Product Synonym Names	ALURBP
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	10kDa
OMIM	U20998 mRNA
3D Structure	ModBase 3D Structure for P49458
Immunogen	Recombinant protein of human SRP9
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SRP9 antibody	Western Blot (WB)
Application Notes for anti-SRP9 antibody	WB: 1:1000 - 1:2000
Related Product Information for anti-SRP9 antibody	MBS2548152 is an antibody targeting SRP9. Also known as SRP9 Polyclonal Antibody. Host: Rabbit.
Other Notes	Small volumes of anti-SRP9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SRP9. It may not necessarily be applicable to this product.

NCBI GI #	194363758
NCBI GeneID	6726
NCBI Accession #	NP_001123912.1
UniProt Primary Accession #	P49458
UniProt Secondary Accession #	Q6NVX0; Q8WTW0; A8K0N0
UniProt Related Accession #	P49458
GenBank Nucleotide #	NM_001130440.1
NCBI Official Full Name	signal recognition particle 9 kDa protein isoform 1

NCBI Official Synonym Full Names	signal recognition particle 9
NCBI Official Symbol	SRP9
NCBI Official Synonym Symbols	ALURBP
UniProt Protein Name	Signal recognition particle 9 kDa protein
Protein Family	Signal recognition particle 9 kDa protein
UniProt Gene Name	SRP9
UniProt Synonym Gene Names	SRP9
NCBI Protein Information	signal recognition particle 9 kDa protein
UniProt Comments for SRP9	SRP9: Signal-recognition-particle assembly has a crucial role in targeting secretory proteins to the rough endoplasmic reticulum membrane. SRP9 together with SRP14 and the Alu portion of the SRP RNA, constitutes the elongation arrest domain of SRP. The complex of SRP9 and SRP14 is required for SRP RNA binding. Belongs to the SRP9 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: RNA-binding; Translation Chromosomal Location of Human Ortholog: 1q42.12 Cellular Component: cytosol; signal recognition particle receptor complex; signal recognition particle, endoplasmic reticulum targeting Molecular Function: protein binding; RNA binding; signal recognition particle binding Biological Process: SRP-dependent cotranslational protein targeting to membrane; SRP-dependent cotranslational protein targeting to membrane, translocation
Research Articles on SRP9	**1.** Dats show that Alu RNA promotes functional binding of Signal Recognition Particle proteins SRP9/14 to 40S ribosomal subunits.
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