SRP9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SRP9, Polyclonal Antibody
Full Product Name	SRP9 Polyclonal Conjugated Antibody
Product Gene Name	anti-SRP9 antibody
Product Synonym Names	SRP9 Conjugated Antibody; SRP9; ALURBP; signal recognition particle 9
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Purity/Purification	Affinity purification
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	9,124 Da
OMIM	600707
3D Structure	ModBase 3D Structure for P49458
Immunogen	Recombinant fusion protein of human SRP9 (NP_003124.1).
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-SRP9 antibody	Most Applications
Application Notes for anti-SRP9 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-SRP9 antibody	MBS9441698 is an antibody targeting SRP9. Also known as SRP9 Polyclonal Conjugated Antibody. Reactive in Human. 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 #	4507217
NCBI GeneID	6726
NCBI Accession #	NP_003124.1
UniProt Primary Accession #	P49458
UniProt Secondary Accession #	Q6NVX0; Q8WTW0; A8K0N0
UniProt Related Accession #	P49458
GenBank Nucleotide #	NM_003133.5
NCBI Official Full Name	signal recognition particle 9 kDa protein isoform 2
NCBI Official Synonym Full Names	signal recognition particle 9kDa
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
UniProt Entry Name	SRP09_HUMAN
NCBI Protein Information	signal recognition particle 9 kDa protein; signal recognition particle 9kD
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: signal recognition particle receptor complex; signal recognition particle, endoplasmic reticulum targeting; cytosol Molecular Function: signal recognition particle binding; RNA binding; 7S RNA binding Biological Process: SRP-dependent cotranslational protein targeting to membrane; cellular protein metabolic process; translation; negative regulation of translational elongation; gene expression
Research Articles on SRP9	**1.** mutational study on SRP9/14 that identified and characterized regions and single residues essential for elongation arrest activity
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/srp9/9441698