

Rabbit SELENOF Polyclonal Antibody | anti-SELENOF antibody

SELENOF Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199903	Rabbit	Tested Species Reactivity: Rat Predicted Species Reactivity: Human, Mouse, Rat, Cow, Pig, Zebrafish	Western Blot

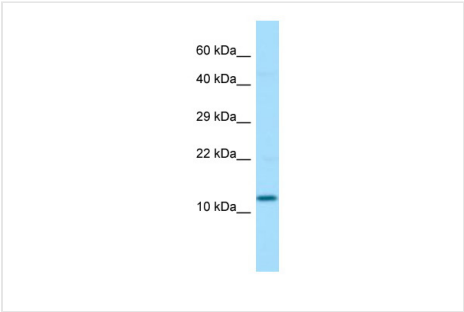
PRODUCT SYNONYMS

SELENOF; Polyclonal Antibody; SELENOF Antibody - C-terminal region; anti-SELENOF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Rat Predicted Species Reactivity: Human, Mouse, Rat, Cow, Pig, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/mL (varies by lot)
Sequence	Synthetic peptide located within the following region: LF RGLQIKYVRG SDPVLKLLDD NGNIAEELSI LKWNTDSVEE FLSEKLER
Sequence Length	162
Applicable Applications for anti-SELENOF antibody	WB (Western Blot)
Protein Size (#AA)	162 amino acids
Predicted Homology	Cow: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Rat sep15
Protein Interaction	Rpl30
Blocking Peptide	For anti-SELENOF antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Host: RabbitTarget Name: sep15Sample Type: Rat Thymus lysatesAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SELENOF antibody	Description: The protein encoded by this gene belongs to the SEP15/selenoprotein M family. The exact function of this protein is not known; however, it has been found to associate with UDP-glucose:glycoprotein glucosyltransferase (UGTR), an endoplasmic reticulum(ER)-resident protein, which is involved in the quality control of protein folding. The association with UGTR retains this protein in the ER, where it may play a role in protein folding. Knockout studies in mice also suggest a role for this gene in cataract formation and colon carcinogenesis. This protein is a selenoprotein, containing the rare amino acid selenocysteine (Sec). Sec is encoded by the UGA codon, which normally signals translation termination. The 3' UTRs of selenoprotein mRNAs contain a conserved stem-loop structure, designated the Sec insertion sequence (SECIS) element, that is necessary for the recognition of UGA as a Sec codon, rather than as a stop signal.
Product Categories/Family for anti-SELENOF antibody	Polyclonal; Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	111494225
NCBI GeneID	113922
NCBI Accession #	NP_579831
NCBI GenBank Nucleotide #	NM_133297
UniProt Accession #	Q923V8
Molecular Weight	17kDa
NCBI Official Full Name	selenoprotein F
NCBI Official Synonym Full Names	selenoprotein F
NCBI Official Symbol	Selenof
NCBI Official Synonym Symbols	Sep15
NCBI Protein Information	selenoprotein F
UniProt Protein Name	Selenoprotein F
UniProt Gene Name	Selenof

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.