

Product datasheet for TA346588

Selenof Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB Reactivity: Rat

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for Anti-sep15 antibody is: synthetic peptide directed towards the C-terminal

region of Rat sep15. Synthetic peptide located within the following region:

LFRGLQIKYVRGSDPVLKLLDDNGNIAEELSILKWNTDSVEEFLSEKLER

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 17 kDa

Gene Name: selenoprotein 15

Database Link: NP 579831

Entrez Gene 113922 Rat

Q923V8



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Background:

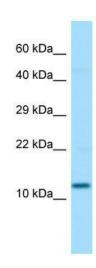
This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. 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 selenoprotein in the ER, where it may play a role in protein folding. [provided by RefSeq, Jul 2008]

Synonyms: SEP15

Note: Immunogen Sequence Homology: Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%;

Zebrafish: 100%; Pig: 93%

Product images:



Host: Rabbit; Target Name: sep15; Sample Tissue: Rat Thymus lysates; Antibody Dilution: 1.0 ug/ml