

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. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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