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Product datasheet for TA346766

Selenophosphate synthetase 2 (SEPHS2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-SEPHS2 antibody is: synthetic peptide directed towards the C-terminal region of Human SEPHS2. Synthetic peptide located within the following region: AATDITGFGILGHSQNLAKQQRNEVSFVIHNLPIIAKMAAVSKASGRFGL
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
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	53 kDa
Gene Name:	selenophosphate synthetase 2
Database Link:	NP_036380 Entrez Gene 22928 Human Q99611

View online »

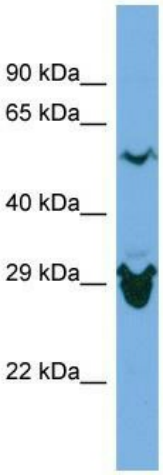
Background: This gene encodes an enzyme that synthesizes selenophosphate from selenide and ATP. Selenophosphate is the selenium donor used to synthesize selenocysteine, which is co-translationally incorporated into selenoproteins at in-frame UGA codons. Genes encoding selenocysteine contain a stem-loop secondary structure in their 3' UTR called a selenocysteine insertion sequence (SECIS) element. The protein encoded by this gene contains a selenocysteine residue in its predicted active site. There is a pseudogene for this gene on chromosome 5. [provided by RefSeq, Aug 2013]

Synonyms: SPS2; SPS2b

Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Dog: 93%; Rabbit: 93%; Guinea pig: 93%; Zebrafish: 86%

Protein Pathways: Metabolic pathways, Selenoamino acid metabolism

Product images:



Host: Rabbit; Target Name: SEPHS2; Sample Tissue: ACHN Whole Cell lysates; Antibody Dilution: 1.0 ug/ml