

Product datasheet for **TA381362**

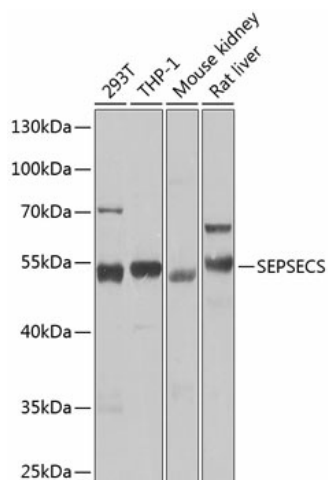
SEPSECS Rabbit Polyclonal Antibody

Product data:

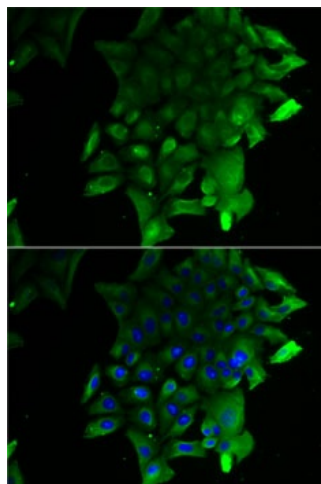
Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 222-501 of human SEPSECS (NP_058651.3).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	5kDa/55kDa
Gene Name:	Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase
Database Link:	Entrez Gene 51091 Human Q9HD40
Background:	The amino acid selenocysteine is the only amino acid that does not have its own tRNA synthetase. Instead, this amino acid is synthesized on its cognate tRNA in a three step process. The protein encoded by this gene catalyzes the third step in the process, the conversion of O-phosphoseryl-tRNA(Sec) to selenocysteinyl-tRNA(Sec).
Synonyms:	DKFZp434B1417; LP; MGC161491; SLA; SLA-p35; SLA/LP; TRNP48



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Product images:

Western blot analysis of extracts of various cell lines, using SEPSECS Antibody (TA381362) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 3s.



Immunofluorescence analysis of U2OS cells using SEPSECS antibody (TA381362). Blue: DAPI for nuclear staining.