

Rabbit SEPSECS Polyclonal Antibody | anti-SEPSECS antibody

SEPSECS Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280052	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

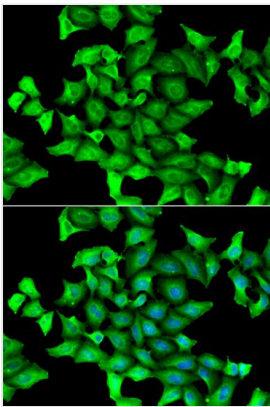
PRODUCT SYNONYMS

SEPSECS; Polyclonal Antibody; SEPSECS Polyclonal Antibody; LP; SLA; PCH2D; SLA/LP; anti-SEPSECS antibody

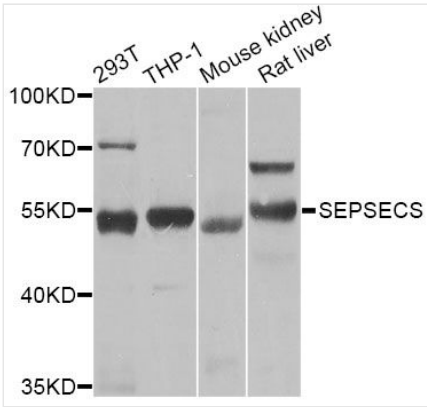
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	501
Applicable Applications for anti-SEPSECS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human SEPSECS
Calculated Molecular Weight	55kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



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



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using SEPSECS Antibody 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.

ADDITIONAL INFORMATION

Related Product Information for anti-SEPSECS antibody	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).
Product Categories/Family for anti-SEPSECS antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	62287911
NCBI GeneID	51091
UniProt Accession #	Q9HD40; Q0D2P3; Q17RT1; Q9NXZ5; Q9UGM9; Q9Y353; A8K8W1
Molecular Weight	501
NCBI Official Full Name	O-phosphoseryl-tRNA(Sec) selenium transferase
NCBI Official Synonym Full Names	Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase
NCBI Official Symbol	SEPSECS
NCBI Official Synonym Symbols	LP; SLA; PCH2D; SLA/LP
NCBI Protein Information	O-phosphoseryl-tRNA(Sec) selenium transferase; O-phosphoseryl-tRNA(Sec) selenium transferase; SLA-p35; SLA/LP autoantigen; soluble liver antigen; liver-pancreas antigen; UGA suppressor tRNA-associated protein; tRNA(Ser/Sec)-associated antigenic protein; soluble liver antigen/liver pancreas antigen
UniProt Protein Name	O-phosphoseryl-tRNA(Sec) selenium transferase
UniProt Gene Name	SEPSECS
UniProt Synonym Gene Names	TRNP48; LP; Sec synthase; SepSecS; SLA
UniProt Entry Name	SPCS_HUMAN

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.