

Rabbit PSPH Polyclonal Antibody | anti-PSPH antibody

PSPH Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328708	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

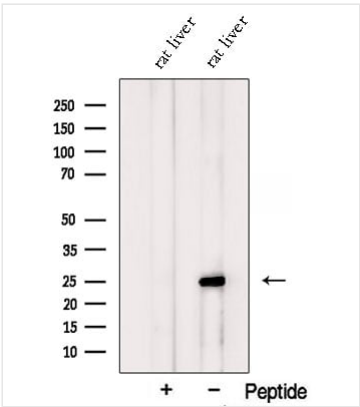
PRODUCT SYNONYMS

PSPH; Polyclonal Antibody; PSPH Antibody; EC 3.1.3.3; L 3 phosphoserine phosphatase; L-3-phosphoserine phosphatase; O phosphoserine phosphohydrolase; O-phosphoserine phosphohydrolase; Phosphoserine phosphatase; Phosphoserine phosphatase deficiency; included; PSP; PSPase; Psph; PSPHD; SERB_HUMAN; anti-PSPH antibody

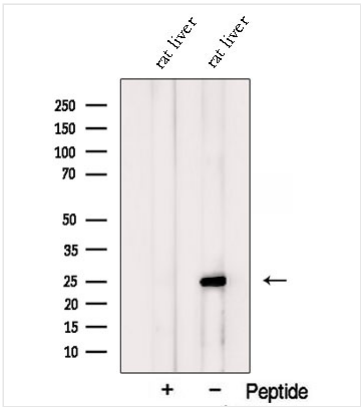
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	PSPH Antibody detects endogenous levels of PSPH.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	225
Applicable Applications for anti-PSPH antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human PSPH.
Fragment	Fab Fragment
Conjugate	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from Rat liver tissue, using PSPH Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using PSPH Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PSPH antibody	Description: Catalyzes the last step in the biosynthesis of serine from carbohydrates. The reaction mechanism proceeds via the formation of a phosphoryl-enzyme intermediates.
	Subunit Structure: Homodimer.
	Similarity: Belongs to the HAD-like hydrolase superfamily. SerB family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46249388
NCBI GeneID	5723
NCBI Accession #	NP_004568.2
NCBI GenBank Nucleotide #	NP_004568.2
UniProt Accession #	P78330
Molecular Weight	Observed: 25 kDa Predicted: 26 kDa
NCBI Official Full Name	phosphoserine phosphatase
NCBI Official Synonym Full Names	phosphoserine phosphatase
NCBI Official Symbol	PSPH
NCBI Official Synonym Symbols	PSP; PSPHD
NCBI Protein Information	phosphoserine phosphatase
UniProt Protein Name	Phosphoserine phosphatase
UniProt Gene Name	PSPH
UniProt Synonym Gene Names	PSP; PSPase
UniProt Entry Name	SERB_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.

