

Rabbit anti-Human PSPH Polyclonal Antibody | anti-PSPH antibody

Anti-PSPH Antibody (aa1-175) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162148	Rabbit	Human	Western Blot, Immunocytochemistry, Immunohistochemistry

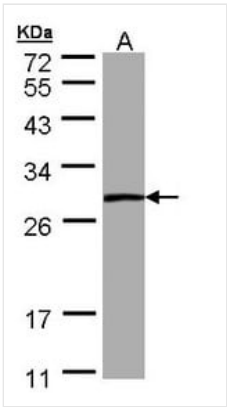
PRODUCT SYNONYMS

PSPH; Polyclonal Antibody; Anti-PSPH Antibody (aa1-175) IHC-plus; Rabbit Polyclonal (IgG) to Human PSPH; Human PSPH; L-3-phosphoserine phosphatase; Phosphoserine phosphatase; PSPase; PSP; PSPHD; anti-PSPH antibody

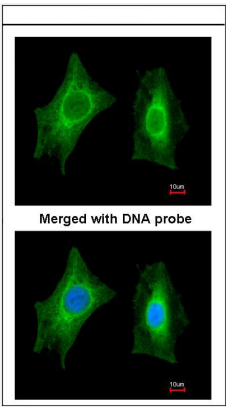
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human PSPH
Purity/Purification	Immunoaffinity purified
Form/Format	0.1 M Tris-glycine, pH 7.0, 10% glycerol, 0.01% Thimerosal
Concentration	1 mg/ml (varies by lot)
Sequence Length	225
Applicable Applications for anti-PSPH antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	PSPH antibody was raised against recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 175 (P78330) of PSPH. Percent identity by BLAST analysis: Human (100%); Pig (96%); Rat, Bovine (94%); Mouse (93%).
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 175 (P78330) of PSPH. Percent identity by BLAST analysis: Human (100%); Pig (96%); Rat, Bovine (94%); Mouse (93%).
Immunogen Type	Recombinant protein
Antigen Modification	aa1-175
Target Species	Human
Preparation and Storage	Keep as concentrated solution. Aliquot and store at -20 degree C or below. Avoid multiple freeze-thaw cycles.

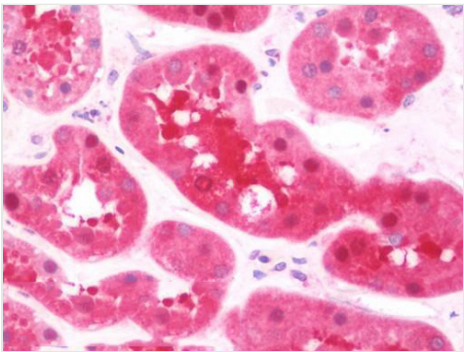
IMAGES



WB (Western Blot)
Sample (30 ug of whole cell lysate). A: A431. 12% SDS PAGE. PSPH antibody diluted at 1:1000



ICC (Immunocytochemistry)
Immunofluorescence of paraformaldehyde-fixed HeLa using PSPH antibody at 1:200 dilution.



IHC (Immunohistochemistry)
Anti-PSPH / PSP antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 7.5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-PSPH antibody	PSPH Antibody, L-3-phosphoserine phosphatase Antibody, Phosphoserine phosphatase Antibody, PSPase Antibody, PSP Antibody, PSPHD Antibody Description: PSPH belongs to a subfamily of the phosphotransferases. This encoded enzyme is responsible for the third and last step in L-serine formation. It catalyzes magnesium-dependent hydrolysis of L-phosphoserine and is also involved in an exchange reaction between L-serine and L-phosphoserine. Deficiency of this protein is thought to be linked to Williams syndrome.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46249388
NCBI GeneID	5723
NCBI Accession #	NP_004568.2
NCBI GenBank Nucleotide #	NM_004577.3
UniProt Accession #	P78330; Q7Z3S5; B2RCR5
Molecular Weight	25,008 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/psph-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/162148>