

PSPH rabbit monoclonal antibody

Catalog # H00005723-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PSPH peptide using ARM Technology.
Immunogen	A synthetic peptide of human PSPH is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PSPH peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PSPH

Entrez GeneID	5723
GeneBank Accession#	PSPH
Gene Name	PSPH
Gene Alias	PSP
Gene Description	phosphoserine phosphatase
Omim ID	172480
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene 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. [provided by RefSeq]</p>
Other Designations	L-3-phosphoserine phosphatase O-phosphoserine phosphohydrolase OTTHUMP00000025059 PSPase

Pathway

- [Glycine](#)
- [Metabolic pathways](#)