

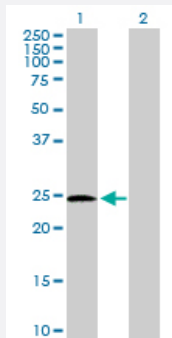
MaxPab®

PSPH purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005723-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PSPH expression in transfected 293T cell line ([H00005723-T01](#)) by PSPH MaxPab polyclonal antibody.

Lane 1: PSPH transfected lysate(25.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PSPH protein.
Immunogen	PSPH (NP_004568.2, 1 a.a. ~ 225 a.a) full-length human protein.
Sequence	MVSHSELRKLFYSADAVCFDVDSTVIREEGIDELAKICGVEDAVSEMTRRAMGGAVPFKAALTER LALIQPSREQVQRLIAEQPPHLTPGIRELVSRLQERNVQVFLISGGFRSVEHVASKLNIPATNVFAN RLKFYFNGEYAGFDETQPTAESGGKGKVIKLLKEKFHFKKIIMIGDGDMEACPPADAFIGFGGN VIRQQVKDNAKWYTDFVELLGELEE
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — PSPH

Entrez GeneID [5723](#)

GeneBank Accession# [NM_004577.3](#)

Protein Accession# [NP_004568.2](#)

Gene Name PSPH

Gene Alias PSP

Gene Description phosphoserine phosphatase

Omim ID [172480](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations L-3-phosphoserine phosphatase|O-phosphoserine phosphohydrolase|OTTHUMP00000025059|PSPase

Pathway

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