

Datasheet for ABIN361197
anti-PSPH antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	PSPH
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PSPH antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	PSPH
Immunogen:	Peptide with sequence C-RQQVKDNAKWYITD, from the C Terminus of the protein sequence according to NP_004568.2.
Sequence:	RQQVKDNAKW YITD
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PSPH
Alternative Name:	PSPH (PSPH Products)
Background:	PSPH, phosphoserine phosphatase, PSP, L-3-phosphoserine phosphatase, O-phosphoserine phosphohydrolase, OTTHUMP00000025059, PSPase
Gene ID:	5723, 100678, 304429
NCBI Accession:	NP_004568
Pathways:	Warburg Effect

Application Details

Application Notes:	Western Blot: Approx 26 kDa band observed in Human Brain (Hippocampus) and in Mouse brain lysates (calculated MW of 25.0 kDa according to Human NP_004568.2 and 25.1 kDa according to Mouse NP_598661.1). Recommended concentration: 0.05-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

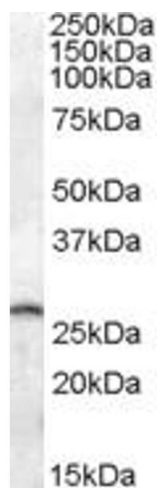


Image 1. EB09299 (0.05µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.