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Research Use Only. Not for diagnostic or therapeutic use.

EB09299 - Goat Anti-PSPH Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PSPH, phosphoserine phosphatase, PSP, L-3-phosphoserine phosphatase, O-phosphoserine phosphohydrolase, OTTHUMP00000025059, PSPase

Official Symbol: PSPH

Accession Number(s): NP_004568.2

Human GeneID(s): 5723

Non-Human GenelD(s): 100678 (mouse), 304429 (rat)

Immunogen

Peptide with sequence C-RQQVKDNAKWYITD, from the C Terminus of the protein sequence according to NP_004568.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 26kDa band observed in Human Brain (Hippocampus) and in Mouse brain lysates (calculated MW of 25.0kDa according to Human NP_004568.2 and 25.1kDa according to Mouse NP_598661.1). Recommended concentration: 0.05-1µg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat,



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