

## UK Office

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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 GeneID(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 (0.05 $\mu$ g/ml) staining of Mouse Brain lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.