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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06114 - Goat Anti-PSPHL / CO9 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: L-3-phosphoserine-phosphatase homolog, CO9, phosphoserine phosphatase-like, PSPHL

Official Symbol: PSPHL

Accession Number(s): NP_003823.1

Human GeneID(s): [8781](#)

Immunogen

Peptide with sequence HWIWRKCDQATSQG, from the C Terminus of the protein sequence according to NP_003823.1.

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 1:8000.

Western blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as small as the predicted size of approx. 7.80kDa according to NP_003823. Therefore we cannot recommend an optimal concentration and the product is investigative grade. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human

Specific Reference

The goat polyclonal antibody used in this paper was manufactured by us:

Kuo CH, Miyazaki D, Nawata N, Tominaga T, Yamasaki A, Sasaki Y, Inoue Y.

Prognosis-determinant candidate genes identified by whole genome scanning in eyes with pterygia.

Invest Ophthalmol Vis Sci. 2007 Aug;48(8):3566-75.

PMID: 17652725