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Research Use Only. Not for diagnostic or therapeutic use.

EB09395 - Goat Anti-PPP4C Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PPP4C, protein phosphatase 4 (formerly X), catalytic subunit, PP4,

PPH3, PPX, Protein phosphatase 4, catalytic subunit

Official Symbol: PPP4C

Accession Number(s): NP_002711.1

Human GeneID(s): 5531

Non-Human GenelD(s): 171366 (rat)

Immunogen

Peptide with sequence C-PQETRGIPSKKP, from the C Terminus of the protein sequence according to NP_002711.1.

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 1:16000.

Western blot: Approx 35kDa band observed in HEK293, A431 and HeLa lysates and in Rat Spleen and Lung lysates (calculated MW of 35.1kDa according to NP_002711.1).

Recommended concentration: 0.1-0.3µg/ml.

IHC: In paraffin embedded Human Prostate shows nuclear staining of secretory cells in the gland. Recommended concentration, 2-4µg/ml.

Species Reactivity

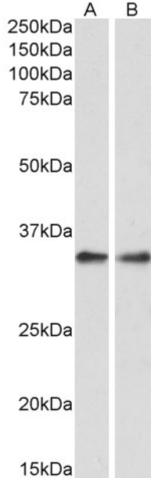
Tested: Human, Rat

Expected from sequence similarity: Human, Rat, Dog

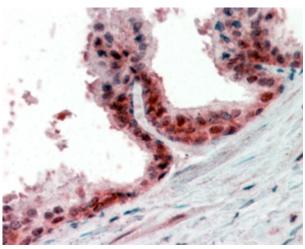


EB09395 (0.3μg/ml) staining of HEK293 lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.



EB09395 (0.3μg/ml) staining of Rat Spleen (A) and Lung (B) lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



 $EB09395~(2.5 \mu g/ml)~staining~of~paraffin~embedded~Human~Prostate.~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$