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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 GeneID(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 (2.5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.