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Research Use Only. Not for diagnostic or therapeutic use.

EB10915 - Goat Anti-ACPP / PAP (aa269-282) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ACPP, acid phosphatase, prostate, ACP-3, ACP3, PAP, OTTHUMP00000216107, prostatic acid phosphatase, prostatic acid phosphotase

Official Symbol: ACP3

Accession Number(s): NP_001127666.1; NP_001090.2

Human GeneID(s): 55

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_001127666.1; NP_001090.2).

Immunogen

Peptide with sequence C-NHMKRATQIPSYKK, from the internal region of the protein sequence according to NP_001127666.1; NP_001090.2.

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 50kDa band observed in Human Prostate lysates (calculated MW of 48.3kDa according to NP_001127666.1). Recommended concentration: 0.01-0.03µg/ml.

IHC: In paraffin embedded Human Prostate shows reticulate cytoplasm staining, more intens towards the lumen of the gland. Recommended concentration, 3-5µg/ml.

Species Reactivity

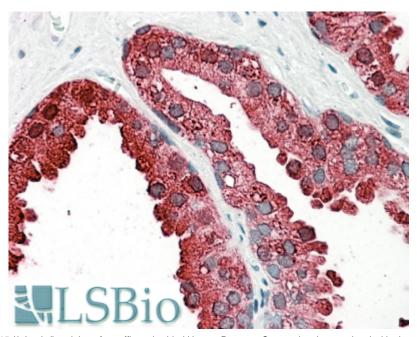
Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

15kDa

EB10915 (0.01μg/ml) staining of Human Prostate lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB10915 (3.8 μ g/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.