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Research Use Only. Not for diagnostic or therapeutic use.

EB07224-T - Goat Anti-GCDFP15 / PIP Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: PIP, GCDFP15, prolactin-induced protein, HGNC:8993, GCDFP-15, GP17, GPIP4, prolactin-inducible protein, gross cystic disease fluid protein 15

Official Symbol: PIP

Accession Number(s): NP_002643.1

Human GeneID(s): 5304

Immunogen

Peptide with sequence C-GANKAQDNTRK, from the internal region of the protein sequence according to NP_002643.1.

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 1:128000.

Western blot: Approx 14kDa band observed in lysates of cell line A431 (calculated MW of 16.6kDa according to NP_002643.1). Recommended concentration: 0.3-1μg/ml. IHC: In paraffin embedded Human Breast shows staining of luminal epithelial cells of the

lactiferous duct. Recommended concentration: 2-3 $\mu g/ml$.

Species Reactivity

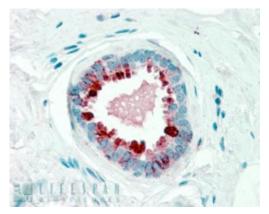
Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB07224 (0.3µg/ml) staining of A431 cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.

Detected by chemiluminescence.



EB07224 (2.5 μ g/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.