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# EB07224 - Goat Anti-GCDFP15 / PIP Antibody

Size: 100µg specific antibody in 200µl



### **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: 2-3µg/ml.

#### **Species Reactivity**

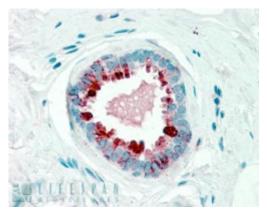
Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 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 $\mu$ g/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.