

Goat anti-GCDFP15 / PIP Antibody

Item Number	dAP-0845
Target Molecule	Principle Name: GCDP15 / PIP; Official Symbol: PIP; All Names and Symbols: PIP; GCDP15; prolactin-induced protein ; HGNC:8993; GCDP-15; GP17; GPIP4; prolactin-inducible protein; gross cystic disease fluid protein 15; Accession Number (s): NP_002643.1; Human Gene ID(s): 5304; Non-Human GeneID(s):
Immunogen	GANKAQDNTRK, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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	Immunohistochemistry: In paraffin embedded Human Breast shows staining of luminal epithelial cells of the lactiferous duct. Recommended concentration: 2-3µg/ml.

Reference	Reference(s): O'Connell FP, Wang HH, Odze RD. Utility of immunohistochemistry in distinguishing primary adenocarcinomas from metastatic breast carcinomas in the gastrointestinal tract. Arch Pathol Lab Med. 2005 Mar;129(3):338-47. .PMID: 15737028 ->
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Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**