

For Research Use Only

GCDFP-15/PIP Polyclonal antibody

Catalog Number: 16068-1-AP



Basic Information

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| Catalog Number: 16068-1-AP | GenBank Accession Number: BC010950 | Purification Method: Antigen affinity purification |
| Size: 400 µg/ml | GeneID (NCBI): 5304 | Recommended Dilutions: IHC 1:200-1:800 |
| Source: Rabbit | UNIPROT ID: P12273 | |
| Isotype: IgG | Full Name: prolactin-induced protein | |
| Immunogen Catalog Number: AG9004 | Calculated MW: 146 aa, 17 kDa | |

Applications

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|---|---|
| Tested Applications: IHC, ELISA | Positive Controls: IHC : human breast cancer tissue, human skin tissue, human breast tissue |
| Species Specificity: human | |

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

GCDFP-15 (gross cystic disease fluid protein 15), also known as PIP (prolactin-induced protein) is a secretory glycoprotein expressed in benign and malignant breast tumor tissues and in some normal exocrine organs such as sweat, salivary, and lacrimal glands (PMID: 12393800). GCDFP-15 expression is increased by prolactin and androgen and inhibited by estrogen (PMID: 18854942). The expression is also regulated by interleukins. GCDFP-15 is a marker of apocrine differentiation and is frequently used for assessment of metastases or regional recurrences of breast origin.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

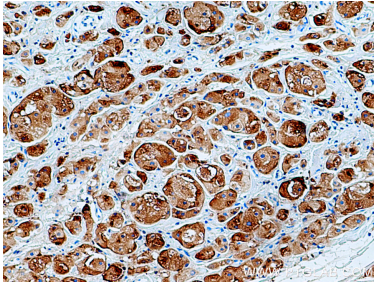
T: 4006900926

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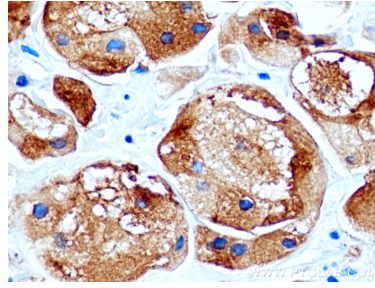
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16068-1-AP (GCDFP-15/PIP antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16068-1-AP (GCDFP-15/PIP antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).