

For Research Use Only

G1P3 Polyclonal antibody

Catalog Number: 11246-1-AP **2 Publications**



Basic Information

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| Catalog Number: 11246-1-AP | GenBank Accession Number: BC015603 | Purification Method: Antigen affinity purification |
| Size: 450 µg/ml | GeneID (NCBI): 2537 | Recommended Dilutions: IHC 1:50-1:500 |
| Source: Rabbit | UNIPROT ID: P09912 | |
| Isotype: IgG | Full Name: interferon, alpha-inducible protein 6 | |
| Immunogen Catalog Number: AG1765 | Calculated MW: 13 kDa | |

Applications

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

G1P3, also named as IFI6, belongs to the FAM14 protein family and is localized in mitochondria. G1P3 is one of the interferon (IFN)-stimulated genes. It was reported as anti-apoptotic in myeloma, gastric and breast cancers (PMID: 29899394). G1P3 has 3 isoforms with the molecular mass of 13 kDa.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|---------------------|-------------|
| Li Jianhua J | 23832071 | Nat Immunol | WB |
| Xiaohui Meng | 37584284 | Arthritis Rheumatol | IHC |

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:

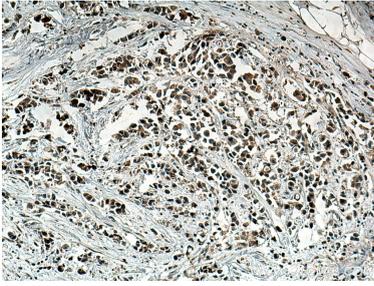
T: 4006900926

E: Proteintech-CN@ptglab.com

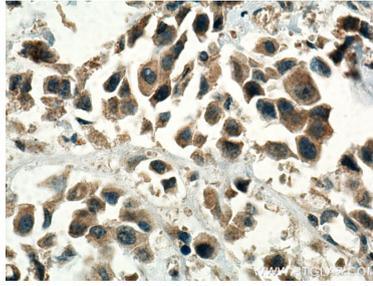
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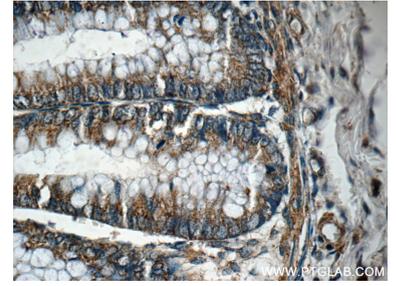
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11246-1-AP (G1P3 antibody) at dilution of 1:200 (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 11246-1-AP (G1P3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 11246-1-AP (G1P3 Antibody) at dilution of 1:50 (under 40x lens).