

FPGT antibody

Catalog No: #22605



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Description

| | |
|-----------------------|--|
| Product Name | FPGT antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Purified by antigen-affinity chromatography. |
| Applications | WB IHC |
| Species Reactivity | Hu |
| Immunogen Type | Recombinant protein |
| Immunogen Description | Recombinant protein fragment contain a sequence corresponding to a region within amino acids 146 and 423 of Human FPGT |
| Target Name | FPGT |
| Other Names | GFPP |
| Accession No. | NCBI Gene ID: 8790NCBI mRNA#: NM_003838NCBI Protein#: NP_003829 |
| Formulation | Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative. |
| Storage | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use. |

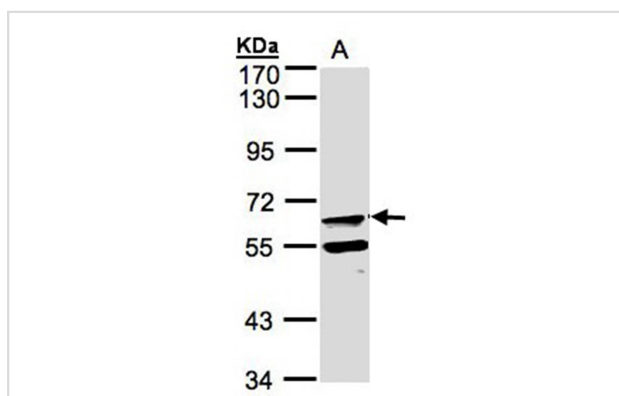
Application Details

Predicted MW: 67kd

Western blotting: 1:500-1:3000

Immunohistochemistry: 1:100-1:250

Images

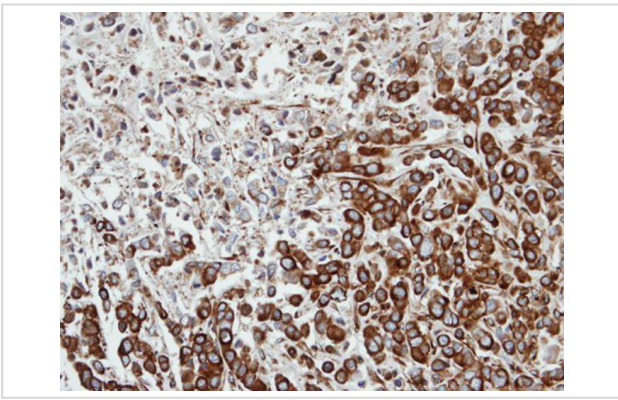


Sample(30 ug of whole cell lysate)

A: Raji

7.5% SDS PAGE

Primary antibody diluted at 1: 500



Immunohistochemical analysis of paraffin-embedded MDA-MB-468 xenograft, using FPGT antibody at 1: 100 dilution.

Background

L-fucose is a key sugar in glycoproteins and other complex carbohydrates since it may be involved in many of the functional roles of these macromolecules, such as in cell-cell recognition. The fucosyl donor for these fucosylated oligosaccharides is GDP-beta-L-fucose. There are two alternate pathways for the biosynthesis of GDP-fucose; the major pathway converts GDP-alpha-D-mannose to GDP-beta-L-fucose. The protein encoded by this gene participates in an alternate pathway that is present in certain mammalian tissues, such as liver and kidney, and appears to function as a salvage pathway to reutilize L-fucose arising from the turnover of glycoproteins and glycolipids. This pathway involves the phosphorylation of L-fucose to form beta-L-fucose-1-phosphate, and then condensation of the beta-L-fucose-1-phosphate with GTP by fucose-1-phosphate guanylyltransferase to form GDP-beta-L-fucose. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.