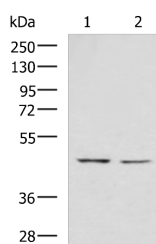


LFNG Polyclonal Antibody

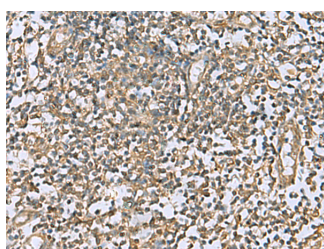
| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-53116 | Reactivity | H,M,R |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | WB,IHC,ELISA | Isotype | IgG |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

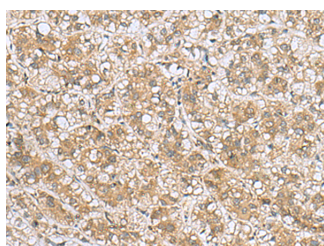
Images



Western blot analysis of K562 and HT-29 cell lysates using LFNG Polyclonal Antibody at dilution of 1:900



Immunohistochemistry of paraffin-embedded Human tonsil tissue using LFNG Polyclonal Antibody at dilution of 1:60(x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using LFNG Polyclonal Antibody at dilution of 1:60(x200)

Immunogen Information

| | |
|-----------------------|---|
| Immunogen | Fusion protein of human LFNG |
| Gene Accession | BC014851 |
| Swissprot | Q8NES3 |
| Synonyms | lfng,LFNG,O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase,SCDO3 |

Product Information

| | |
|----------------------|--|
| Calculated MW | 42 kDa |
| Observed MW | Refer to figures |
| Buffer | PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4 |
| Purify | Antigen affinity purification |
| Dilution | WB 1:500-1:2000, IHC 1:50-1:200, ELISA 1:5000-1:10000 |

Background

This gene is a member of the fringe gene family which also includes radical and manic fringe genes. They all encode evolutionarily conserved glycosyltransferases that act in the Notch signaling pathway to define boundaries during embryonic development. While their genomic structure is distinct from other glycosyltransferases, fringe proteins have a fucose-specific beta-1,3-N-acetylglucosaminyltransferase activity that leads to elongation of O-linked fucose residues on Notch, which alters Notch signaling. This gene product is predicted to be a single-pass type II Golgi membrane protein but it may also be secreted and proteolytically processed like the related proteins in mouse and Drosophila (PMID: 9187150). Mutations in this gene have been associated with autosomal recessive spondylocostal dysostosis 3. Multiple transcript variants encoding different isoforms have been found for this gene.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.