LFNG Rabbit Polyclonal Antibody



CAB7441

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

42kDa

Calculated MW:

28kDa/35kDa/39kDa/41kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Gene ID:

Uniprot

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50

- 1:200

Source:

Rabbit

Isotype:

IgG

Purification: Affinity purification Immunogen information

Protein Background

3955

Q8NES3

Synonyms:

LFNG; SCDO3; beta-1

Immunogen:

Recombinant fusion protein containing a sequence corresponding

variants encoding different isoforms have been found for this gene.

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 Golqi 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

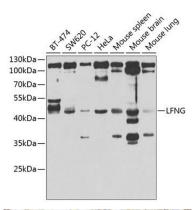
to amino acids 1-250 of human LFNG (NP_002295.1).

Storage:

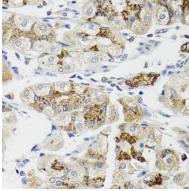
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using LFNG antibody (CAB7441) at 1:1000 dilution._Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution._Lysates/proteins: 25ug per lane._Blocking buffer: 3% nonfat dry milk in TBST._Detection: ECL Enhanced Kit (CABM00021)._Exposure time: 30s.



Immunohistochemistry of paraffin-embedded human stomach using LFNG antibody (CAB7441) at dilution of 1:100 (40x lens).