

Datasheet for ABIN7253977

anti-LFNG antibody**3** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	LFNG
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LFNG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human LFNG
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	LFNG
Alternative Name:	LFNG (LFNG Products)
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

Target Details

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.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 42 kDa

UniProt: [Q8NES3](#)

Pathways: [Notch Signaling](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:50-1:200, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.08 mg/mL

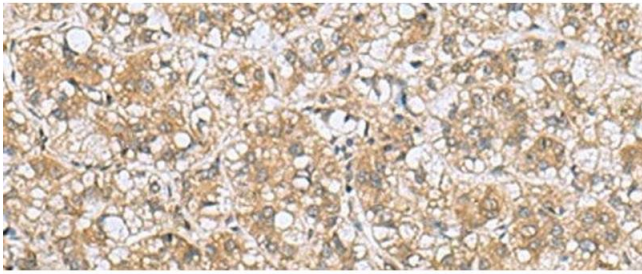
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

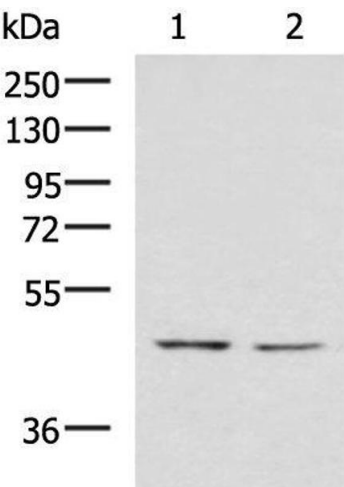
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



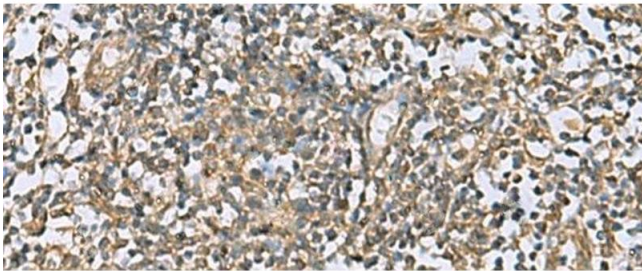
Immunohistochemistry (Paraffin-embedded Sections)

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



Western Blotting

Image 2. Western blot analysis of K562 and HT-29 cell lysates using LFNG Polyclonal Antibody at dilution of 1:900



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human tonsil tissue using LFNG Polyclonal Antibody at dilution of 1:60(x200)