

Rabbit LFNG Polyclonal Antibody | anti-LFNG antibody

LFNG Polyclonal Antibody

CATALOG # AAA176701	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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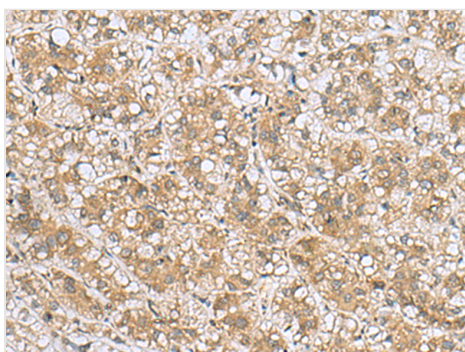
PRODUCT SYNONYMS

LFNG; Polyclonal Antibody; LFNG Polyclonal Antibody; 3-N-acetylglucosaminyltransferase lunatic fringe; Beta-1; Beta-13-N-acetylglucosaminyltransferase lunatic fringe; Lfng; O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase; SCDO3; anti-LFNG antibody

PRODUCT SPECIFICATIONS

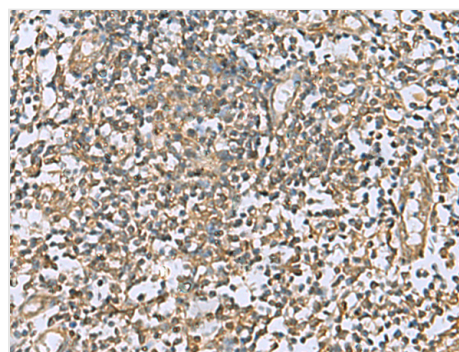
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.08mg/mL (varies by lot)
Sequence Length	379
Applicable Applications for anti-LFNG antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human LFNG
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



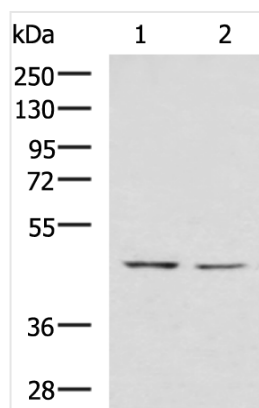
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using LFNG Polyclonal Antibody at dilution of 1:60(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using LFNG Polyclonal Antibody at dilution of 1:60(×200)



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

ADDITIONAL INFORMATION

Related Product Information for anti-LFNG antibody	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.
Product Categories/Family for anti-LFNG antibody	Developmental Biology ; Neuroscience ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	93140999
NCBI GeneID	3955
NCBI Accession #	NP_001035257.1 ; BC014851
NCBI GenBank Nucleotide #	NP_001035257.1
UniProt Accession #	Q8NES3
Molecular Weight	42 kDa
NCBI Official Full Name	beta-1,3-N-acetylglucosaminyltransferase lunatic fringe isoform a
NCBI Official Synonym Full Names	LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase
NCBI Official Symbol	LFNG
NCBI Official Synonym Symbols	SCDO3
NCBI Protein Information	beta-1,3-N-acetylglucosaminyltransferase lunatic fringe
UniProt Protein Name	Beta-1,3-N-acetylglucosaminyltransferase lunatic fringe
UniProt Gene Name	LFNG
UniProt Entry Name	LFNG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

