

Datasheet for ABIN2782070
anti-LFNG antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	LFNG
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Cow, Horse, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LFNG antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LFNG
Sequence:	LSEYFSLLTR ARRDAGPPPG AAPRPADGHP RPLAEPLAPR DVFIKVTTK
Predicted Reactivity:	Cow: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Yeast: 100%
Characteristics:	This is a rabbit polyclonal antibody against LFNG. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	LFNG
Alternative Name:	LFNG (LFNG Products)

Target Details

Background:	LFNG is a member of the glycosyltransferase superfamily. It is a single-pass type II Golgi membrane protein that functions as a fucose-specific glycosyltransferase, adding an N-acetylglucosamine to the fucose residue of a group of signaling receptors involved in regulating cell fate decisions during development. Mutations in the gene that encodes this protein have been associated with autosomal recessive spondylocostal dysostosis 3. This gene encodes a member of the glycosyltransferase superfamily. The encoded protein is a single-pass type II Golgi membrane protein that functions as a fucose-specific glycosyltransferase, adding an N-acetylglucosamine to the fucose residue of a group of signaling receptors involved in regulating cell fate decisions during development. Mutations in this gene have been associated with autosomal recessive spondylocostal dysostosis 3. Alternatively spliced transcript variants that encode different isoforms have been described, however, not all variants have been fully characterized. Alias Symbols: SCD03 Protein Interaction Partner: APP, NOTCH2, NOTCH1, Protein Size: 361
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Molecular Weight:	39 kDa
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Gene ID:	3955
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NCBI Accession:	NM_001040168 , NP_001035258
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Pathways:	Notch Signaling
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 361 AA
Restrictions:	For Research Use only

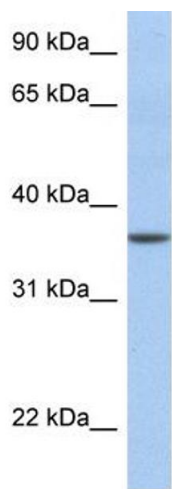
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-LFNG Antibody Titration: 0.2-1 ug/ml Positive Control: Human Muscle