

RFNG Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16514b

Product Information

Application	WB, E
Primary Accession	Q9Y644
Other Accession	NP_002908.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35996
Calculated MW	36424
Antigen Region	282-310

Additional Information

Gene ID	5986
Other Names	Beta-1, 3-N-acetylglucosaminyltransferase radical fringe, O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase, RFNG
Target/Specificity	This RFNG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 282-310 amino acids from the C-terminal region of human RFNG.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RFNG Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RFNG (HGNC:9974)
Function	Glycosyltransferase that initiates the elongation of O-linked fucose residues attached to EGF-like repeats in the extracellular domain of Notch molecules. Modulates NOTCH1 activity by modifying O- fucose residues at specific

EGF-like domains resulting in enhancement of NOTCH1 activation by DLL1 and JAG1. May be involved in limb formation and in neurogenesis.

Cellular Location

Golgi apparatus membrane; Single-pass type II membrane protein

Background

Glycosyltransferase that initiates the elongation of O-linked fucose residues attached to EGF-like repeats in the extracellular domain of Notch molecules. May be involved in limb formation and in neurogenesis (By similarity).

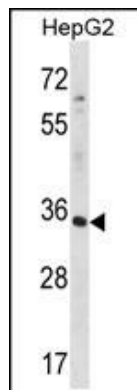
References

Mikami, T., et al. Brain Res. Mol. Brain Res. 86 (1-2), 138-144 (2001) :

Moran, J.L., et al. Mamm. Genome 10(6):535-541(1999)

Johnston, S.H., et al. Development 124(11):2245-2254(1997)

Images



RFNG Antibody (C-term) (Cat. #AP16514b) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the RFNG antibody detected the RFNG protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.