

Lunatic Fringe Rabbit mAb

Catalog # AP78857

Product Information

Application	WB, IF, ICC
Primary Accession	Q8NES3
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Lunatic Fringe
Purification	Affinity Chromatography
Calculated MW	41773

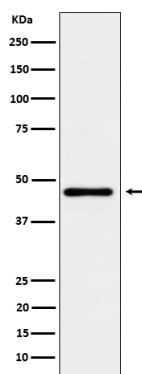
Additional Information

Gene ID	3955
Other Names	LFNG
Dilution	WB~~1/500-1/1000 IF~~1:50~200 ICC~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	LFNG (HGNC:6560)
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 inhibition of NOTCH1 activation by JAG1 and enhancement of NOTCH1 activation by DLL1 via an increase in its binding to DLL1 (By similarity). Decreases the binding of JAG1 to NOTCH2 but not that of DLL1 (PubMed: 11346656). Essential mediator of somite segmentation and patterning (By similarity).
Cellular Location	Golgi apparatus {ECO:0000250 UniProtKB:O09010}. Golgi apparatus membrane; Single-pass type II membrane protein

Images



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