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LFNG Antibody

货号: AYP5901

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF ELISA
推荐浓度	**WB:** 1:500 - 1:2000 **IF:** 1:50 - 1:200
理论分子量	28kDa/35kDa/39kDa/41kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	BT-474,SW620,PC-12,HeLa,Mouse spleen,Mouse brain,Mouse lung
细胞定位	Golgi apparatus membrane,Single-pass type II membrane protein
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human LFNG.

靶点信息

研究背景	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.
基因ID	3955
基因名	LFNG
Swiss	Q8NES3 (https://www.uniprot.org/uniprotkb/Q8NES3/entry)
别名	LFNG,SCDO3,beta-1,LFNG Antibody,O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase

产品验证

实验步骤

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