

## Product Datasheet

# LFNG Antibody

Catalog No: AY2846

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB



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### Information

**UniProt ID:** Q8NES3

**All Names:** beta-1,3-N-acetylglucosaminyltransferase lunatic fringe; EC 2.4.1.222; LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase; O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase; SCDO3

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide derived from human LFNG

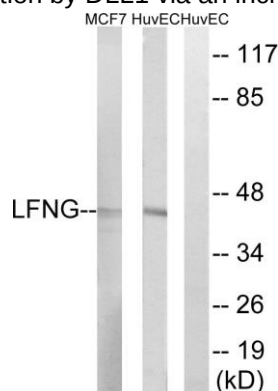
**Molecular Wt.:** 42 KD

### Application

WB 1:500~1:1000

### Background

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).



Western blot analysis of extracts from MCF-7 cells and HUVEC cells, using LFNG antibody.

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