

**RFNG Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16514b****Specification**

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**RFNG Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q9Y644](#)

**RFNG Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 5986

**Other Names**

Beta-1, 3-N-acetylglucosaminyltransferase radical fringe, O-fucosylpeptide  
3-beta-N-acetylglucosaminyltransferase, RFNG

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**RFNG Antibody (C-term) Blocking Peptide - 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

**RFNG Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**RFNG Antibody (C-term) Blocking Peptide - Images**

**RFNG Antibody (C-term) Blocking Peptide - 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).

**RFNG Antibody (C-term) Blocking Peptide - 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)