# LFNG RABBIT PAB

**Cat.#:** S212989
**Product Name:** Anti-LFNG Rabbit Polyclonal Antibody
**Synonyms:** SCDO3
**UNIPROT ID:** Q8NES3 (Gene Accession - BC014851 )
**Background:** This gene is a member of the glycosyltransferase 31 gene family. Members of this gene family, which also includes the MFNG (GeneID: 4242) and RFNG (GeneID: 5986) genes, 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, these 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. The protein encoded by this gene 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.
**Immunogen:** Fusion protein of human LFNG
**Applications:** ELISA, WB, IHC
**Recommended Dilutions:** IHC: 50-200;WB: 500-2000;ELISA: 5000-10000
**Host Species:** Rabbit
**Clonality:** Rabbit Polyclonal
**Isotype:** Immunogen-specific rabbit IgG
**Purification:** Antigen affinity purification
**Species Reactivity:** Human, Mouse, Rat
**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
**Research Areas:** Neuroscience, Signal Transduction, Developmental Biology
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

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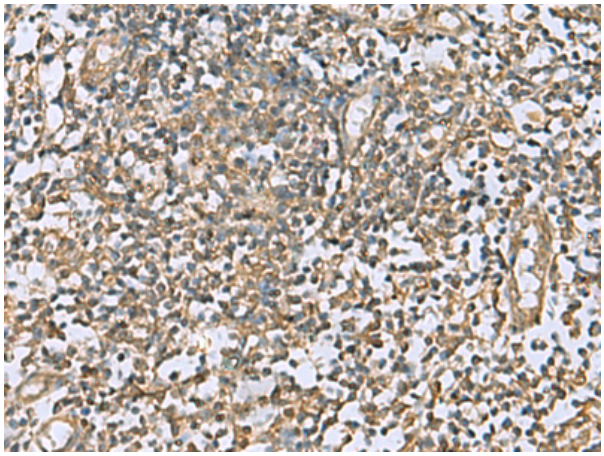
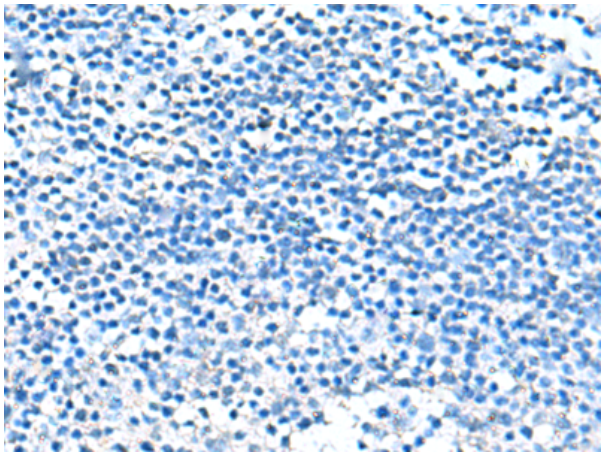
# Product Description

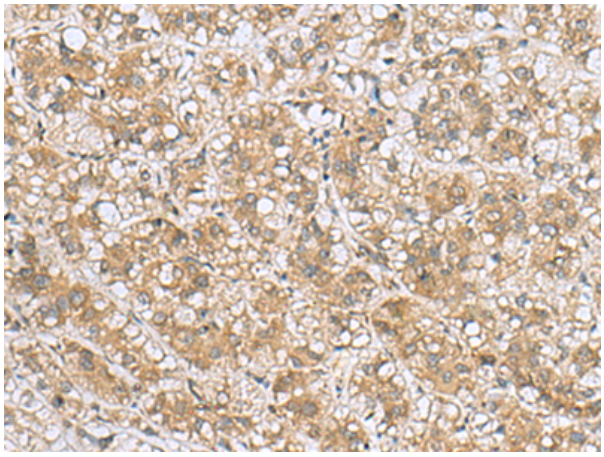
Pioneering GTPase and Oncogene Product Development since 2010



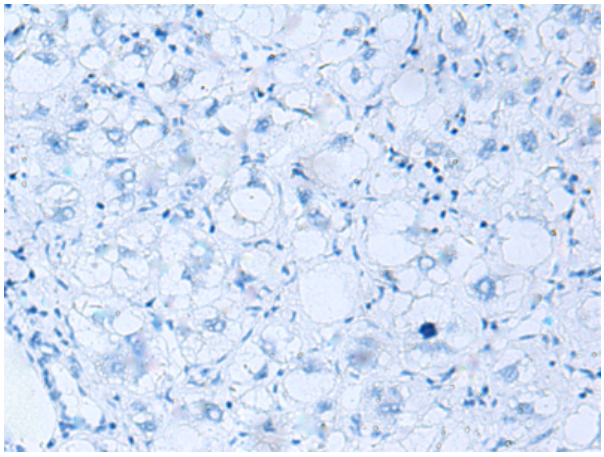
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 212989(LFNG Antibody) at a dilution of 1/60(Cytoplasm).



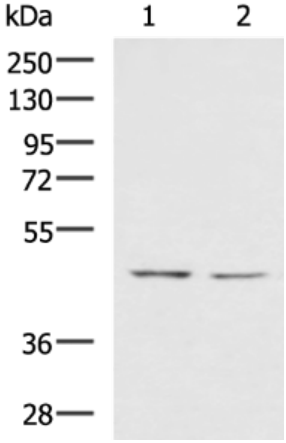
In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 212989(Anti-LFNG Antibody) at dilution 1/60.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 212989(Anti-LFNG Antibody) at a dilution of 1/60.



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with fusion protein and then with D126214(Anti-LFNG Antibody) at dilution 1/60.




Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: K562 and HT-29 cell lysates;
Primary antibody: 212989(LFNG Antibody) at dilution 1/900;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 1 minute

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