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Anti-LRIG3 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB10077-Fluoro594

About LRIG3

LRIG3 (leucine-rich repeats and Ig-like domains-3) is a 140 kDa type I transmembrane glycoprotein member of the mammalian LRIG glycoprotein family. It shares 46.8% and 54.0% amino acid identity with LRIG1 and LRIG2, respectively, with highest conservation in the extracellular, transmembrane, and membrane-proximal sequences. This gene is mapped to chromosome 12q13.2. LRIG3 may play a role in craniofacial and inner ear morphogenesis during embryonic development. It also may act within the otic vesicle epithelium to control formation of the lateral semicircular canal in the inner ear, possibly by restricting the expression of NTN1.

Overview

Product Name	Anti-LRIG3 Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human, Rat
Application	Recommended applications are based on the parent unconjugated antibody (WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q6UXM1

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human LRIG3, different from the related mouse sequence by one amino acid.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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Anti-LRIG3 Antibody - Fluoro594

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