




Product datasheet

Anti-LRIG3 antibody [LRG3-3] ab213960

2 Images

Overview

Product name	Anti-LRIG3 antibody [LRG3-3]
Description	Mouse monoclonal [LRG3-3] to LRIG3
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Monkey 
Immunogen	Synthetic peptide corresponding to Human LRIG3 aa 65-82 (N terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). Sequence: LARLPEPLPSWWARLDLS Database link: Q6UXM1  Run BLAST with  Run BLAST with
Positive control	U87 cells; H1395 cell extract.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.4 Preservative: 0.098% Sodium azide Constituent: 99% PBS
Clonality	Monoclonal
Clone number	LRG3-3
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab213960** in the following tested applications.

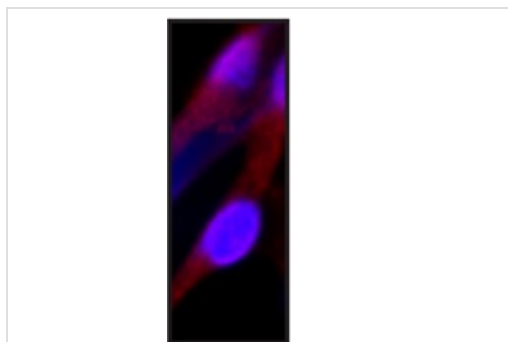
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 123 kDa.
ICC/IF		Use a concentration of 5 µg/ml.

Target

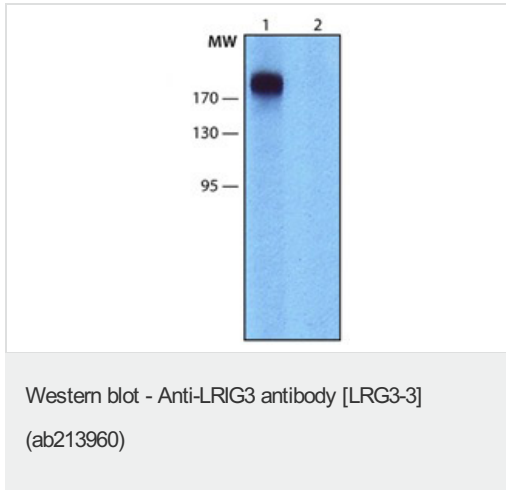
Function	May play a role in craniofacial and inner ear morphogenesis during embryonic development. May act within the otic vesicle epithelium to control formation of the lateral semicircular canal in the inner ear, possibly by restricting the expression of NTN1.
Tissue specificity	Widely expressed.
Sequence similarities	Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 15 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 LRRNT domain.
Cellular localization	Cell membrane. Cytoplasmic vesicle membrane. Detected in cytoplasmic vesicles when coexpressed with ERBB4.

Images



Immunocytochemistry/ Immunofluorescence - Anti-LRIG3 antibody [LRG3-3] (ab213960)

Immunofluorescent analysis of U87 cells (4% paraformaldehyde fixed, 0.5% Triton X-100 permeabilized) labeling LRIG3 with ab213960 at 5 µg/ml dilution, followed by Goat Anti-Mouse IgG, Cy3 conjugate secondary detection (red). Cells were counterstained with DAPI (blue) to stain nuclei.



All lanes : Anti-LRIG3 antibody [LRG3-3] (ab213960)

Lane 1 : H1395 cell extract

Lane 2 : H1395 cell extract with LRIG3 immunizing peptide (Human, 65-82)

Lysates/proteins at 2 µg/ml per lane.

Secondary

All lanes : Goat Anti-Mouse IgG-Peroxidase

Developed using the ECL technique.

Predicted band size: 123 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors