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Datasheet for ABIN1393864

**anti-LGI3 antibody (AA 101-220) (Alexa Fluor 488)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | LGI3   |
| Binding Specificity: | AA 101-220   |
| Reactivity:          | Mouse, Rat   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This LGI3 antibody is conjugated to Alexa Fluor 488  |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human LGI3 |
| Isotype:              | IgG  |
| Cross-Reactivity:     | Mouse, Rat   |
| Predicted Reactivity: | Human,Dog,Sheep,Pig,Horse                                |
| Purification:         | Purified by Protein A.                                   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | LGI3                                   |
| Alternative Name: | LGI3 ( <a href="#">LGI3 Products</a> ) |

## Target Details

|             |   |
|-------------|---|
| Background: | <p>Synonyms: Leucine rich repeat LGI family member 3; Leucine-rich glioma inactivated protein 3; Leucine-rich glioma-inactivated protein 3; Leucine-rich repeat LGI family member 3; LGI1 like protein 4; LGI1-like protein 4; LGI3; LGI3_HUMAN; LGIL4.</p> <p>Background: The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic <math>\alpha</math>/ horseshoe fold, allowing it to accommodate several leucine residues within a tightly packed core. All LRR repeats contain a variable segment and a highly conserved segment, the latter of which accounts for 11 or 12 residues of the entire LRR motif. Leucine-rich glioma-inactivated protein 3 (LGI3), also known as LGI1-like protein 4 (LGIL4) or leucine-rich repeat LGI family member 3, is a 548 amino acid secretory protein. LGI3 contains five LRR repeats and seven EAR repeats. Widely expressed, with highest levels in brain and lung, LGI3 has been shown to colocalize with endocytosis-associated proteins, lipid raft markers, and Syntaxin. The gene encoding LGI3 maps to chromosome 8p21.3.</p> |
|-------------|---|

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only  |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 $\mu$ g/ $\mu$ L   |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months  |