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Datasheet for ABIN1400405 **anti-ISLR2 antibody (Alexa Fluor 555)**

Overview

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|--------------|---|
| Quantity: | 100 µL |
| Target: | ISLR2 |
| Reactivity: | Mouse, Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ISLR2 antibody is conjugated to Alexa Fluor 555 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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|-------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human ISLR2 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|--|
| Target: | ISLR2 |
| Alternative Name: | ISLR2 (ISLR2 Products) |
| Background: | <p>Synonyms: Immunoglobulin superfamily containing leucine-rich repeat protein 2; Leucine-rich repeat domain and immunoglobulin domain-containing axon extension protein; ISLR2_HUMAN.</p> <p>Background: The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic α/ horseshoe fold, allowing it to accommodate several leucine residues within a</p> |

Target Details

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. ISLR2 (immunoglobulin superfamily containing leucine-rich repeat 2), also known as LINX (leucine-rich repeat domain and immunoglobulin domain-containing axon extension protein), is a 745 amino acid single-pass membrane protein that contains five LRR repeats, one Ig-like (immunoglobulin-like) domain, a LRRCT domain and one LRRNT domain. ISLR2 exists as a homomultimer and is essential for axon extension during neural development. The gene encoding ISLR2 maps to human chromosome 15q24.1.

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| Gene ID: | 57611 |
| Pathways: | Regulation of Cell Size |

Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| 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 |