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Datasheet for ABIN1418278
anti-ISLR2 antibody (HRP)

Overview

Quantity:	100 µL
Target:	ISLR2
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ISLR2 antibody is conjugated to HRP
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

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

Target Details

Target:	ISLR2
Alternative Name:	ISLR2 (ISLR2 Products)
Background:	Synonyms: Immunoglobulin superfamily containing leucine-rich repeat protein 2; Leucine-rich repeat domain and immunoglobulin domain-containing axon extension protein; ISLR2_HUMAN. 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

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.

Gene ID: 57611

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months