

ISLR2 Antibody HRP Conjugated

Catalog No: #C07665H

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	ISLR2 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human ISLR2
Conjugates	HRP
Target Name	ISLR2
Other Names	Immunoglobulin superfamily containing leucine-rich repeat protein 2; Leucine-rich repeat domain and immunoglobulin domain-containing axon extension protein; ISLR2_HUMAN.
Accession No.	NCBI Gene ID57611
Uniprot	Q6UXK2
GeneID	57611;
Excitation Emission	N A
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

Background

The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic β -sheet 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. 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.

Note: This product is for in vitro research use only