

For Research Use Only

ISLR2 Recombinant monoclonal antibody

Catalog Number: 84076-1-RR



Basic Information

Catalog Number: 84076-1-RR	GenBank Accession Number: BC152429	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 57611	CloneNo.: 241227D3
Isotype: IgG	UNIPROT ID: Q6UXX2	Recommended Dilutions: WB: 1:2000-1:10000
Immunogen Catalog Number: AG20505	Full Name: immunoglobulin superfamily containing leucine-rich repeat 2	
	Calculated MW: 745 aa, 79 kDa	
	Observed MW: 79 kDa, 130 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	

Background Information

ISLR2 (immunoglobulin superfamily containing leucine rich repeat 2), also known as LINX. It is expected to be located in cell membrane and the protein is mainly expressed in brain and testis. While the first knockout mouse had impaired development of the internal capsule and no hydrocephalus, a much more recent independent knockout mouse was shown to additionally have severe hydrocephalus. Although the mechanism remains unclear, it may be related to the role of ISLR2 in reorganizing the cytoskeleton of developing neurons (PMID: 30483960). The calculated molecular weight of ISLR2 is 79 kDa, this target has phosphorylation modification and glycosylation modification. And the 130 kDa band is glycosylated (PMID: 29739947).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

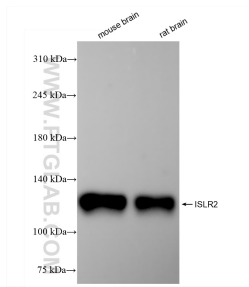
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84076-1-RR (ISLR2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.