

For Research Use Only

# ISLR2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84076-1-PBS



## Basic Information

Catalog Number:	84076-1-PBS	GenBank Accession Number:	BC152429	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GeneID (NCBI):	57611	CloneNo.:	241227D3
Source:	Rabbit	UNIPROT ID:	Q6UXX2		
Isotype:	IgG	Full Name:	immunoglobulin superfamily containing leucine-rich repeat 2		
Immunogen Catalog Number:	AG20505	Calculated MW:	745 aa, 79 kDa		

## Applications

**Tested Applications:**  
WB, Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

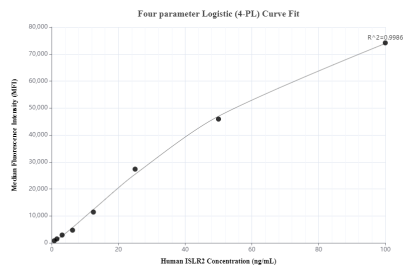
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W: [ptgcn.com](http://ptgcn.com)

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# Selected Validation Data



Cytometric bead array standard curve of MP00978-1, ISLR2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84076-1-PBS. Detection antibody: 84076-2-PBS. Standard: Ag20505. Range: 0.781-100 ng/mL.