For Research Use Only

ISLR2 Polyclonal antibody

Catalog Number:24814-1-AP

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
24814-1-AP

Size:
700 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG20518

GenBank Accession Number:
BC152429

GeneID (NCBI):
57611

UNIPROT ID:
Q6UXK2

Full Name:
immunoglobulin superfamily containing leucine-rich repeat 2

Calculated MW:
745 aa, 79 kDa

Observed MW:
79 kDa, 130 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:6000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
mouse

Positive Controls:

WB : mouse brain tissue,

Background Information

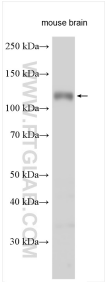
ISLR2 (immunoglobulin superfamily containing leucine rich repeat 2), also known as LINX. It is expected to be located in cell membrane and the protein is mainly expressed in brain and testis. While the first knockout mouse had impaired development of the internal capsule and no hydrocephalus, a much 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 pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24814-1-AP (ISLR2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.