

For Research Use Only

KIRREL Polyclonal antibody, PBS Only

Catalog Number: 22232-1-PBS



Basic Information

Catalog Number:

22232-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17578

GenBank Accession Number:

BC109192

GeneID (NCBI):

55243

UNIPROT ID:

Q96J84

Full Name:

kin of IRRE like (Drosophila)

Calculated MW:

757 aa, 84 kDa

Observed MW:

72 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

Species Specificity:

human, mouse, rat

Background Information

Kin of IRRE protein (KIRREL), also known as NEPH1, is a member of a podocin-binding protein family. KIRREL is a component of the podocyte slit diaphragm, which serves as the structural framework of the glomerular filtration barrier. KIRREL has three isoforms with molecular weights of 85 kDa, 83 kDa, and 72 kDa.

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:

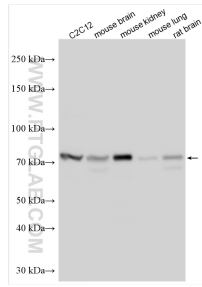
T: 4006900926

E: Proteintech-CN@ptglab.com

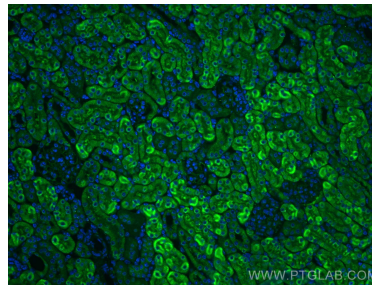
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22232-1-AP (KIRREL antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 22232-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse kidney tissue using KIRREL antibody (22232-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22232-1-PBS in a different storage buffer formulation.