

For Research Use Only

KIFC2 Polyclonal antibody

Catalog Number: 27470-1-AP



Basic Information

Catalog Number:

27470-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26519

GenBank Accession Number:

BC017311

GeneID (NCBI):

90990

UNIPROT ID:

Q96AC6

Full Name:

kinesin family member C2

Calculated MW:

90 kDa

Observed MW:

96 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IF/ICC : A431 cells,

Background Information

Kinesin family member C2 (KIFC2), one of the kinesin-14 motor family members, is especially expressed in neurons and is important for organizing dendritic microtubules and to control dendrite development (PMID: 37716704). KIFC2 is a microtubule-binding protein that functions as a motor protein in vesicle transport along axons and/or dendrites. Western blot analysis detected KIFC2 at an apparent molecular mass of 96 kD (PMID: 9115737).

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:

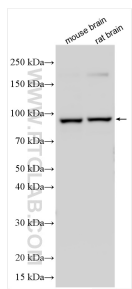
T: 4006900926

E: Proteintech-CN@ptglab.com

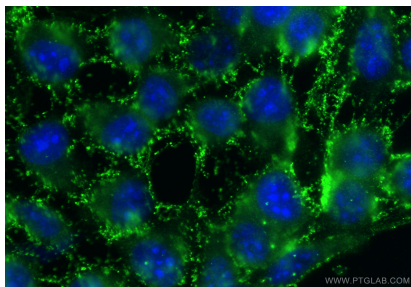
W: ptgcn.com

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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 27470-1-AP (KIFC2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using KIFC2 antibody (27470-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).