

For Research Use Only

KIAA1468 Polyclonal antibody

Catalog Number: 18993-1-AP



Basic Information

Catalog Number:

18993-1-AP

Size:

150ul, Concentration: 140 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_020854

GeneID (NCBI):

57614

UNIPROT ID:

Q9P260

Full Name:

KIAA1468

Calculated MW:

139 kDa

Observed MW:

100-135 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse brain tissue,

IP : mouse brain tissue,

IHC : mouse kidney tissue,

Background Information

RELCH/KIAA1468, which is a newly identified Rab11 effector protein, tethers the recycling endosomes (REs) and trans-Golgi network (TGN) membranes by binding TGN-localized oxysterol-binding protein (OSBP) and promotes OSBP-dependent nonvesicular cholesterol transport from REs to the TGN.

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

*** 20ul sizes contain 0.1% BSA

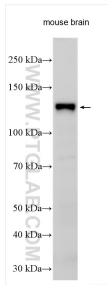
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

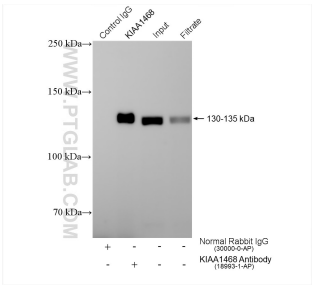
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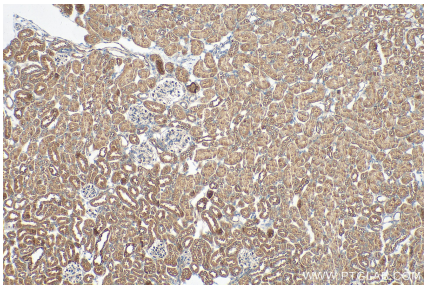
Selected Validation Data



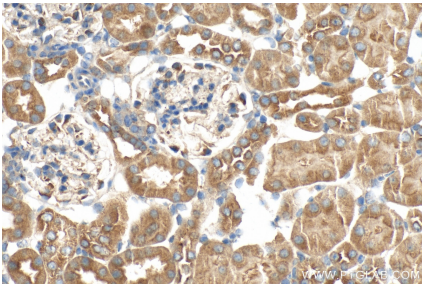
Various lysates were subjected to SDS PAGE followed by western blot with 18993-1-AP (KIAA1468 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-KIAA1468 (IP:18993-1-AP, 4ug; Detection:18993-1-AP 1:500) with mouse brain tissue lysate 1280 ug.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 18993-1-AP (KIAA1468 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 18993-1-AP (KIAA1468 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).