

For Research Use Only

KIAA1468 Polyclonal antibody

Catalog Number: 18993-1-AP



Basic Information

Catalog Number: 18993-1-AP	GenBank Accession Number: NM_020854	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 140 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57614	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
Source: Rabbit	Full Name: KIAA1468	
Isotype: IgG	Calculated MW: 139 kDa	
	Observed MW: 100-135 kDa	

Applications

Tested Applications:

IHC, IP, WB, 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

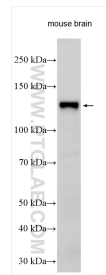
For technical support and original validation data for this product please contact:

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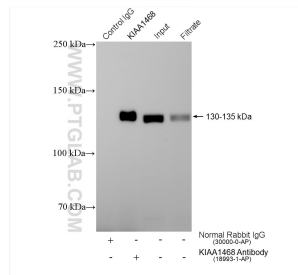
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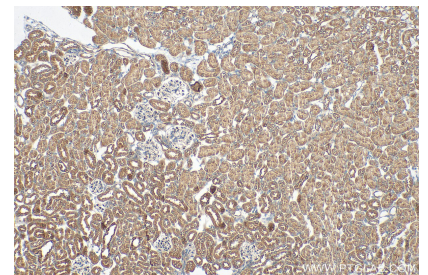
Selected Validation Data



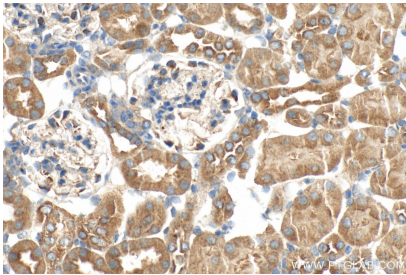
Various lysates were subjected to SDS PAGE followed by western blot with 18993-1-AP (KIAA1468 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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).