

For Research Use Only

FAM190B Polyclonal antibody

Catalog Number: 21078-1-AP



Basic Information

Catalog Number: 21078-1-AP	GenBank Accession Number: BC030528	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 54462	Recommended Dilutions: WB: 1:1000-1:8000 IHC: 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9H7U1	
Isotype: IgG	Full Name: KIAA1128	
Immunogen Catalog Number: AG15281	Calculated MW: 834 aa, 94 kDa	
	Observed MW: 63 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : NIH/3T3 cells, U2OS cells
	IHC : mouse kidney tissue,

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

Background Information

FAM190B (Family with sequence similarity 190, member B), also known as Gcap14, CCSER2, KIAA1128, NPD012, is a CC domain-containing protein with multiple isoforms generated by alternative splicing that functions as an MAP. FAM190B is a microtubule plus-end-tracking protein and as a regulator of microtubule dynamics during neurodevelopment (PMID: 36795749).

Storage

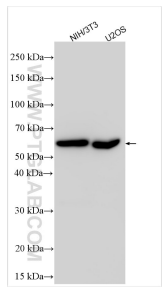
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

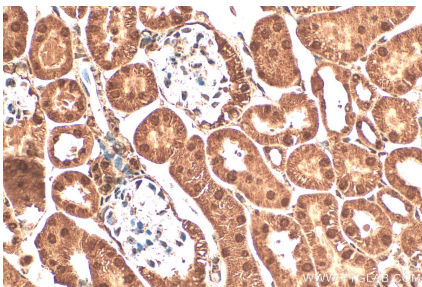
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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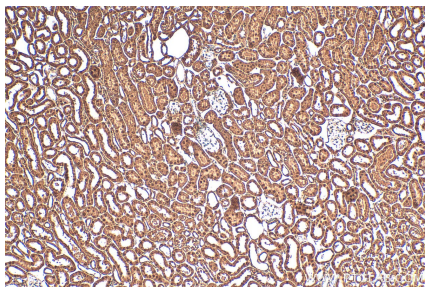
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21078-1-AP (FAM190B antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 21078-1-AP (FAM190B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 21078-1-AP (FAM190B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).