

For Research Use Only

POM121 Polyclonal antibody

Catalog Number: 15645-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 15645-1-AP	GenBank Accession Number: BC008794	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9883	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: POM121 membrane glycoprotein (rat)	
Isotype: IgG	Calculated MW: 984 aa, 99 kDa	
Immunogen Catalog Number: AG8177	Observed MW: 140-150 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : HeLa cells, IHC : human colon tissue, IF : mouse brain tissue,
Cited Applications: IF, IHC, WB	
Species Specificity: human, rat, mouse	
Cited Species: human	

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

POM121 is an integral membrane protein that localizes to the central spoke ring complex and participates in anchoring the nuclear pore complex to the nuclear envelope. Catalog# 15645-1-AP do well in identifying the nuclear envelope in immunofluorescence experiments.

Notable Publications

Author	Pubmed ID	Journal	Application
Yen-Chen Lin	34059832	Nat Neurosci	IF
Lirong Guan	34151840	Cancer Biomark	IHC, WB
Belén Lizcano-Perret	36508477	PLoS Pathog	IF

Storage

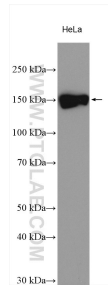
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

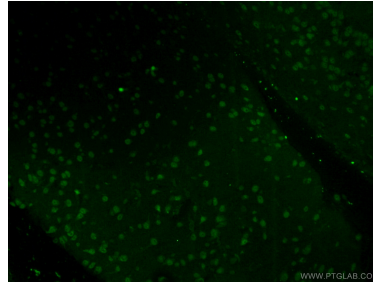
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

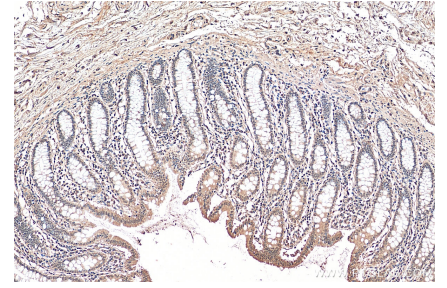
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 15645-1-AP (POM121 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 15645-1-AP (POM121 antibody) at dilution of 1:200 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 15645-1-AP (POM121 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).