

For Research Use Only

POF1B Polyclonal antibody

Catalog Number: 11398-1-AP



Basic Information

Catalog Number: 11398-1-AP	GenBank Accession Number: BC017500	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 ug/ml by Nanodrop;	GeneID (NCBI): 79983	Recommended Dilutions: WB 1:1000-1:8000
Source: Rabbit	UNIPROT ID: Q8WVV4	IHC 1:400-1:1600
Isotype: IgG	Full Name: premature ovarian failure, 1B	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG1945	Calculated MW: 595 aa, 69 kDa	
	Observed MW: 69 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : A549 cells, mouse colon tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human ovary cancer tissue, human stomach cancer tissue
	IF/ICC : MCF-7 cells,

Background Information

POF1B plays a key role in the organization of epithelial monolayers by regulating the actin cytoskeleton. POF1B is a candidate gene for premature ovarian failure (POF); it is mainly expressed in polarised epithelial tissues.

Storage

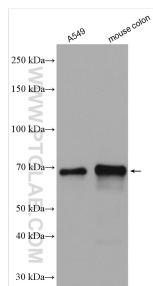
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

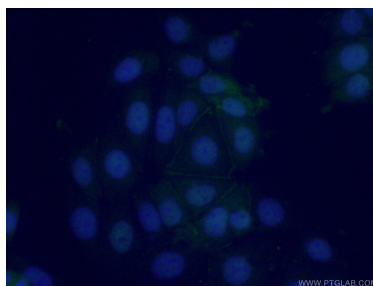
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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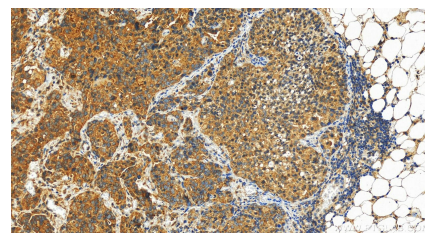
Selected Validation Data



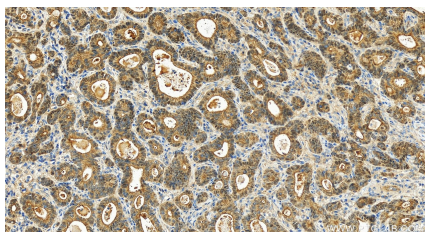
Various lysates were subjected to SDS PAGE followed by western blot with 11398-1-AP (POF1B antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 11398-1-AP (POF1B antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 11398-1-AP (POF1B antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 11398-1-AP (POF1B antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).