

For Research Use Only

RABIF Polyclonal antibody

Catalog Number: 29113-1-AP



Basic Information

Catalog Number: 29113-1-AP	GenBank Accession Number: BC018488	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 ug/ml by Nanodrop;	GeneID (NCBI): 5877	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:50-1:500 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: P47224	
Isotype: IgG	Full Name: RAB interacting factor	
Immunogen Catalog Number: AG30761	Calculated MW: 123 aa, 14 kDa	
	Observed MW: 14 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
Human, mouse

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 : HL-60 cells, HeLa cells, Jurkat cells

IHC : mouse brain tissue, human breast cancer tissue

IF/ICC : MCF-7 cells,

Background Information

RABIF (Rab-interacting factor)/MSS4 (mammalian suppressor of Sec4) was the first putative guanine nucleotide exchange factors (GEFs) isolated for Rabs, which may act as a chaperone, allowing interacting Rab proteins to be properly activated where and when they are needed in the cell (PMID: 25158853). RABIF is a 17-kDa protein that is expressed in all mammalian tissues and is in complex with nucleotide-free Rab8 GTPase and Rab10 GTPase (PMID: 28894007, 28228250).

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

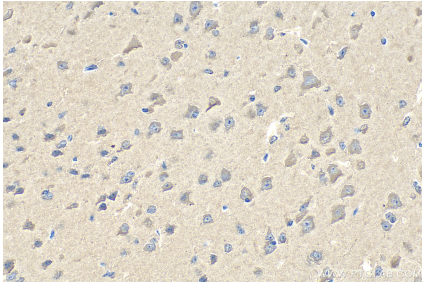
For technical support and original validation data for this product please contact:

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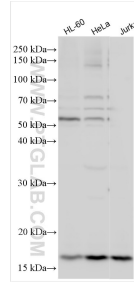
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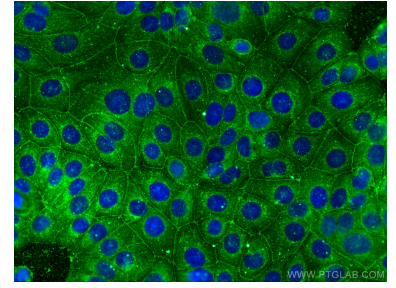
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29113-1-AP (RABIF antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 29113-1-AP (RABIF antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using RABIF antibody (29113-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L).