

For Research Use Only

# RABIF Polyclonal antibody

Catalog Number: 29113-1-AP



## Basic Information

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

## Applications

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

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

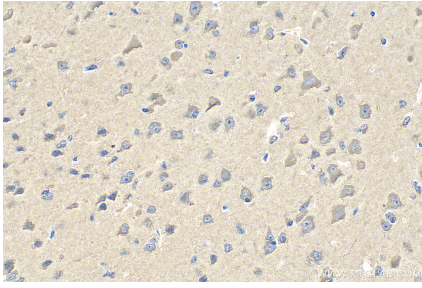
T: 4006900926

E: Proteintech-CN@ptglab.com

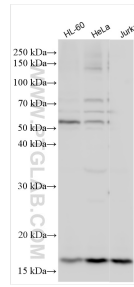
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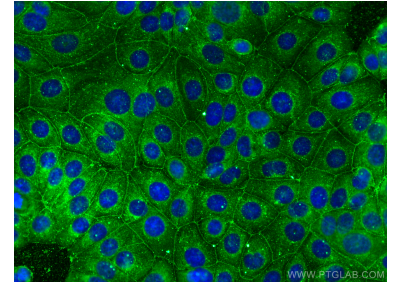
## Selected Validation Data



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 AffiniPure Goat Anti-Rabbit IgG(H+L).