

For Research Use Only

# ACTR3B Monoclonal antibody

Catalog Number: 68037-1-Ig



## Basic Information

Catalog Number: 68037-1-Ig	GenBank Accession Number: BC008682	Purification Method: Protein G purification
Concentration: 1000 ug/ml	GeneID (NCBI): 57180	CloneNo.: 1G12C6
Source: Mouse	UNIPROT ID: Q9P1U1	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:500-1:2000 IF/ICC: 1:400-1:1600
Isotype: IgG1	Full Name: ARP3 actin-related protein 3 homolog B (yeast)	
Immunogen Catalog Number: AG10218	Calculated MW: 418 aa, 48 kDa	
	Observed MW: 48 kDa	

## Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat, pig, rabbit	WB : MOLT-4 cells, pig brain tissue, Jurkat cells, K-562 cells, rabbit brain tissue, rat brain tissue, mouse brain tissue
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	IHC : mouse brain tissue, IF/ICC : HepG2 cells,

## Background Information

### 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

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

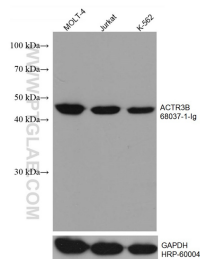
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

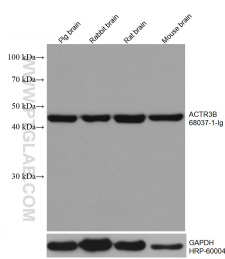
W: [ptgcn.com](http://ptgcn.com)

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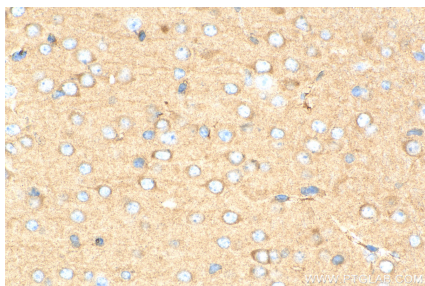
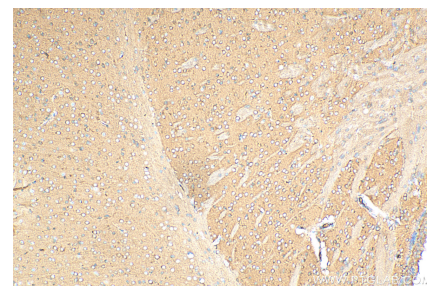
## Selected Validation Data



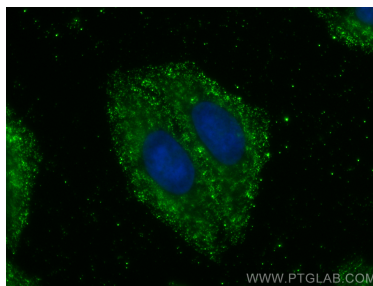
Various cells were subjected to SDS PAGE followed by western blot with 68037-1-Ig (ACTR3B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Brain tissues were subjected to SDS PAGE followed by western blot with 68037-1-Ig (ACTR3B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 68037-1-Ig (ACTR3B antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using ACTR3B antibody (68037-1-Ig, Clone: 1G12C6) at dilution of 1:800 and CoraLite® 488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1).