

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
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 57180	CloneNo.: 1G12C6
Source: Mouse	UNIPROT ID: Q9P1U1	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000
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, 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,

## Storage

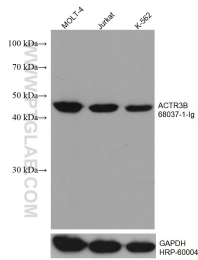
Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

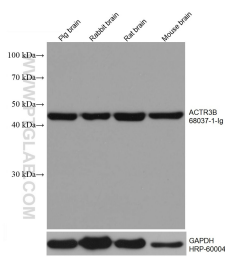
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

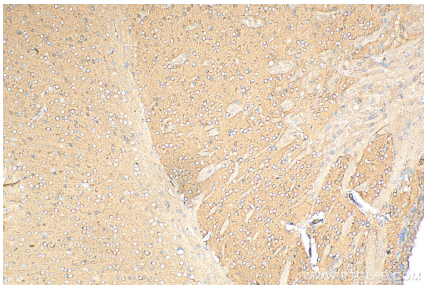
## Selected Validation Data



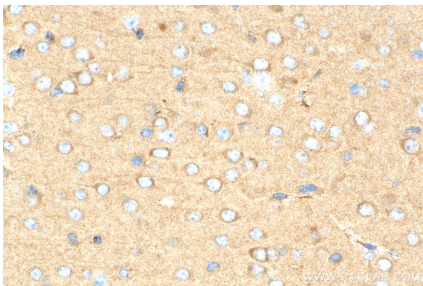
Various cells were subjected to SDS PAGE followed by western blot with 68037-1-Ig (ACTR3B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).