

For Research Use Only

ARP3/ARP3B Monoclonal antibody, PBS Only



Catalog Number: 68439-1-PBS

Basic Information

Catalog Number: 68439-1-PBS	GenBank Accession Number: BC044590	Purification Method: Protein G purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 10096	CloneNo.: 1D12C7
Source: Mouse	UNIPROT ID: P61158	
Isotype: IgG1	Full Name: ARP3 actin-related protein 3 homolog (yeast)	
Immunogen Catalog Number: AG5017	Calculated MW: 418 aa 47 kDa	
	Observed MW: 47 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

Species Specificity:
Human, mouse, rat, rabbit, pig

Background Information

ARP3 (also known as ACTR3) is a major constituent of the ARP2/3 complex that is necessary for nucleating actin polymerization at filament branches. ARP3 localizes to the lamellipodia of stationary and locomoting fibroblasts. Overexpression of ARP3 has been reported in several types of cancer cells. This antibody recognizes endogenous ARP3 and may cross-react with ATCR3B.

Storage

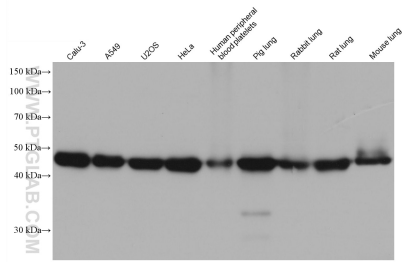
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

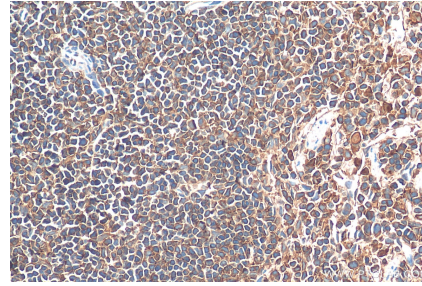
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

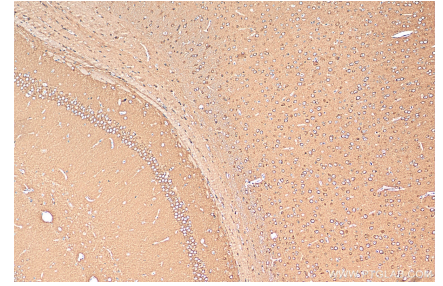
Selected Validation Data



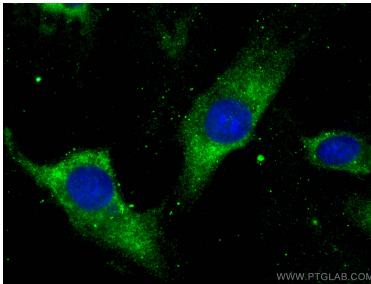
Various lysates were subjected to SDS PAGE followed by western blot with 68439-1-Ig (ACTR3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68439-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 68439-1-Ig (ARP3/ARP3B antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68439-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 68439-1-Ig (ARP3/ARP3B antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68439-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HUVEC cells using ARP3/ARP3B antibody (68439-1-Ig, Clone: 1D12C7) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68439-1-PBS in a different storage buffer formulation.