

For Research Use Only

ACTR1A/ACTR1B Polyclonal antibody

Catalog Number:11023-1-AP



Basic Information

Catalog Number: 11023-1-AP	GenBank Accession Number: BC010090	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 167 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10120	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:300
Source: Rabbit	UNIPROT ID: P42025	
Isotype: IgG	Full Name: ARP1 actin-related protein 1 homolog B, cencentractin beta (yeast)	
Immunogen Catalog Number: AG1467	Calculated MW: 42 kDa	
	Observed MW: 42-50 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : mouse brain tissue, mouse heart
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human breast cancer tissue,

Background Information

ACTR1B (also known as beta cencentractin) is a part of the 20S dynactin complex. It colocalizes with centrosomes and vesicular (membranous) structures and is involved in cell division. ACTR1B and ACTR1A share 90% amino acid identity, and this antibody recognizes both ACTR1B and ACTR1A.

Storage

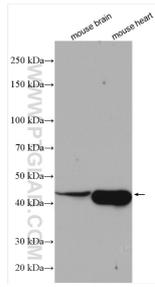
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

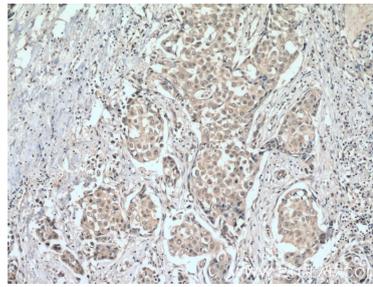
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

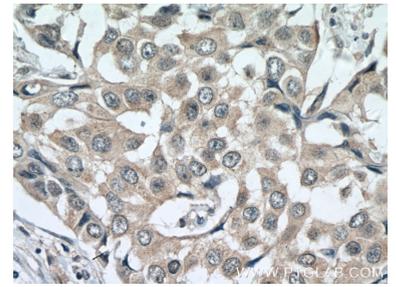
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11023-1-AP (ACTR1B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11023-1-AP (ACTR1B antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11023-1-AP (ACTR1B antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).