

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 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10120	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:300 IF 1:20-1:200
Source: Rabbit	Full Name: ARP1 actin-related protein 1 homolog B, centractin beta (yeast)	
Isotype: IgG	Calculated MW: 42 kDa	
Immunogen Catalog Number: AG1467	Observed MW: 42-50 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	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,
	IF : MCF-7 cells,

Background Information

ACTR1B (also known as beta centractin) is a part of the 20S dyactin 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

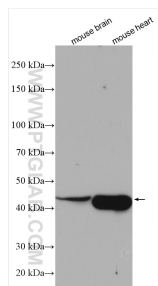
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

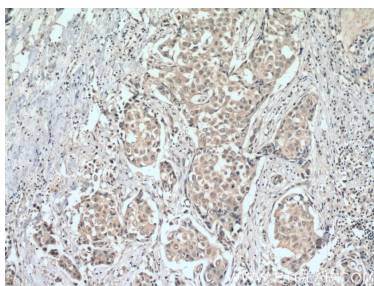
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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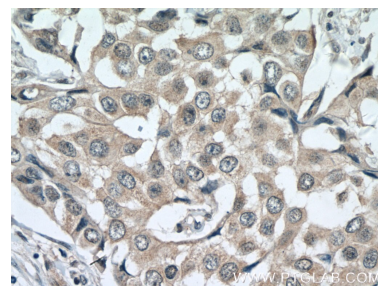
Selected Validation Data



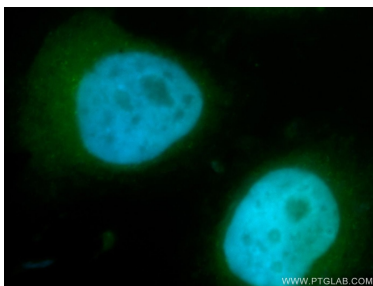
Various lysates were subjected to SDS PAGE followed by western blot with 11023-1-AP (ACTR1B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).



Immunofluorescent analysis of MCF-7 cells, using ACTR1B antibody 11023-1-AP at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).