

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
Concentration: 167 ug/ml	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, cetractin 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 IHC : human breast cancer tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

ACTR1B (also known as beta cetractin) 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

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

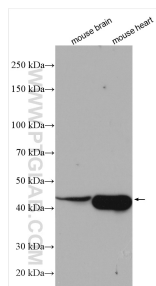
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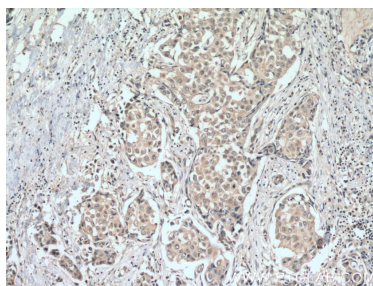
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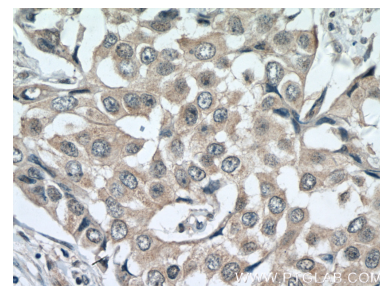
Selected Validation Data



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).