

Rabbit ACTR1B Polyclonal Antibody | anti-ACTR1B antibody

ACTR1B Polyclonal Antibody

CATALOG # AAA179014	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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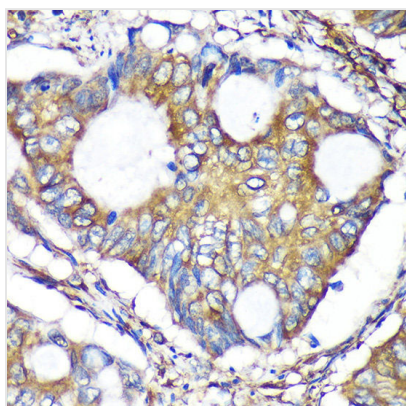
PRODUCT SYNONYMS

ACTR1B; Polyclonal Antibody; ACTR1B Polyclonal Antibody; ARP1B; CTRN2; PC3; anti-ACTR1B antibody

PRODUCT SPECIFICATIONS

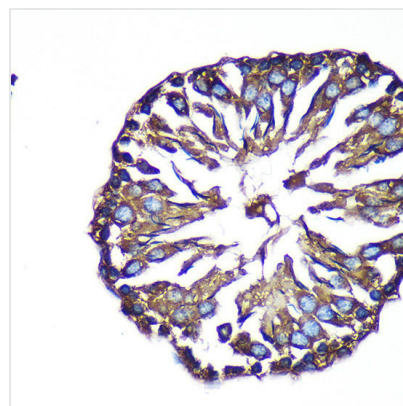
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ACTR1B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ACTR1B
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



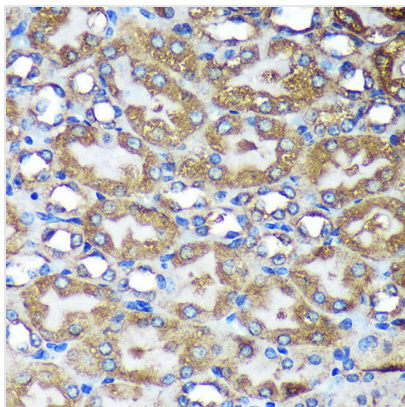
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon carcinoma using ACTR1B Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



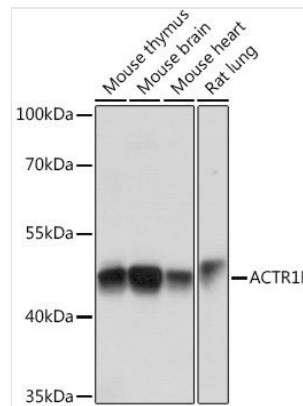
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat testis using ACTR1B Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse kidney using ACTR1B Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using ACTR1B Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTR1B antibody	This gene encodes a 42.3 kD subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein and is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit, like ACTR1A, is an actin-related protein. These two proteins, which are of equal length and share 90% amino acid identity, are present in a constant ratio of approximately 1:15 in the dynactin complex.
Product Categories/Family for anti-ACTR1B antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	11342680
NCBI GeneID	10120
NCBI Accession #	NP_005726.1
NCBI GenBank Nucleotide #	NM_005735.3
UniProt Accession #	P42025 ; Q53SK5 ; Q9BRB7 ; D3DVH2
Molecular Weight	42,293 Da
NCBI Official Full Name	beta-centractin
NCBI Official Synonym Full Names	ARP1 actin-related protein 1 homolog B, centractin beta (yeast)
NCBI Official Symbol	ACTR1B
NCBI Official Synonym Symbols	PC3; ARP1B; CTRN2
NCBI Protein Information	beta-centractin; centractin beta; actin-related protein 1B
UniProt Protein Name	Beta-centractin
UniProt Gene Name	ACTR1B
UniProt Synonym Gene Names	CTRN2; ARP1B
UniProt Entry Name	ACTY_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

