antibodies -online.com





Datasheet for ABIN7467966

anti-ACTR1B antibody



()	11/0	K\ /	iew
	\cup	'I V/I	$I \cap VV$

Quantity:	100 μL
Target:	ACTR1B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTR1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ACTR1B. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ACTR1B	
Alternative Name:	actin related protein 1B (ACTR1B Products)	
Background:	Synonyms: actin related protein 1B , ARP1B , CTRN2 , PC3	
	Background: This gene encodes a 42.3 kD subunit of dynactin, a macromolecular complex	

rarget Details	
	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. [provided by RefSeq]
Molecular Weight:	42 kDa
Gene ID:	10120
UniProt:	P42025
Application Details	
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations
	should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: IMR32 , Mouse brain
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.69 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.