
Product Name: ACTR1B Rabbit Monoclonal Antibody**Catalog #: AMRe21209**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.2mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:100-1:300,ICC/IF 1:100-1:300,FC 1:100-1:300,IP 1:50-1:100
Molecular Weight	Calculated MW;;Observed MW:41kD

Antigen Information

Gene Name	ACTR1B;CTRN2
Alternative Names	ACTR1B;CTRN2;Beta-centractin ;Actin-related protein 1B;ARP1B;
Gene ID	10120.0
SwissProt ID	P42025
Immunogen	A synthetic peptide of human ACTR1B

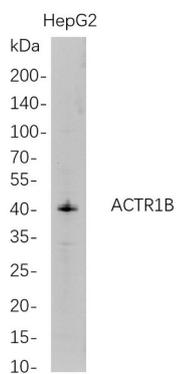
Background

Cell localization:Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome..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. [provided by RefSeq, Aug 2008],

Research Area

Image Data



Western Blot analysis of HepG2 whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ACTR1B rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.