

Recombinant

DGRmAb®

ACTR1B (DGR32447) Rabbit mAb

db14905

Package : 10µL 20µL 50µL 100µL

Product Name : ACTR1B (DGR32447) Rabbit mAb**Cat.No.:** db14905**Synonyms :** PC3; ARP1B; CTRN2**Application :** WB, IHC-P, ICC/IF, FC, IP**Reactivity :** Human**Host species :** Rabbit**Background**

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]

Immunogen

A synthetic peptide of human ACTR1B

Gene ID

10120

Swiss Prot

P42025

Synonyms

PC3; ARP1B; CTRN2

Reactivity

Human

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

ICC/IF: 1:100-1:200

FC: 1:200-1:500

IP: 1:100

Calculated MW

42 kDa

Observed MW

42 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR32447
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
	<ul style="list-style-type: none">□ Western blot detection of ACTR1B in HeLa,A549,HL-60,U251,U87-MG cell lysates using ACTR1B antibody(1:1000 diluted).□ Western blot analysis of extracts from HepG2 cells and Rat muscle, Mouse heart tissue using db14905 at 1:2000.□ Immunohistochemical analysis of paraffin-embedded human breast cancer using db14905 antibody.□ Immunofluorescent analysis of HeLa cells using db14905 antibody (green), and DAPI (blue).