

Anti-DCTN3 Rabbit Monoclonal Antibody

Catalog # ABO15896

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	O75935
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-DCTN3 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	11258
Other Names	Dynactin subunit 3, Dynactin complex subunit 22 kDa subunit, p22, DCTN3 {ECO:0000312 EMBL:CAG46687.1}, DCTN22
Calculated MW	21119
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: 24D73 A synthesized peptide derived from human DCTN3
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	DCTN3 {ECO:0000312 EMBL:CAG46687.1}
Synonyms	DCTN22
Function	Part of the dynactin complex that activates the molecular motor dynein for

ultra-processive transport along microtubules (By similarity). Together with dynein may be involved in spindle assembly and cytokinesis (PubMed:[9722614](#)).

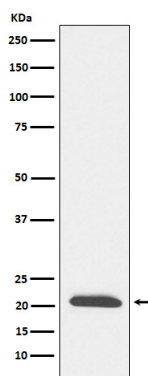
Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Chromosome, centromere, kinetochore. Cytoplasm, cytoskeleton, spindle. Cleavage furrow. Midbody Note=Localizes to punctate cytoplasmic structures and to the centrosome during interphase, and to kinetochores and to spindle poles throughout mitosis. Colocalizes with dynein to the cleavage furrow and to midbody of dividing cells

Tissue Location

Ubiquitously expressed. Highly expressed in muscle and pancreas and detected at lower levels in brain

Images



Western blot analysis of DCTN3 expression in SH-SY5Y cell lysate.

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