

Dynactin p50 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51160**Specification**

Dynactin p50 Antibody - Product Information

Application	WB, E
Primary Accession	Q13561
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50 KDa

Dynactin p50 Antibody - Additional Information**Gene ID** 10540**Other Names**

Dynactin subunit 2, 50 kDa dynein-associated polypeptide, Dynactin complex 50 kDa subunit, DCTN-50, p50 dynamitin, DCTN2, DCTN50

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Dynactin p50. The exact sequence is proprietary.

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Dynactin p50 Antibody - Protein Information**Name** DCTN2 ([HGNC:2712](#))**Synonyms** DCTN50**Function**

Part of the dynactin complex that activates the molecular motor dynein for ultra-processive transport along microtubules. In the dynactin shoulder domain, binds the ACTR1A filament and acts as a molecular ruler to determine the length (By similarity). Modulates cytoplasmic dynein binding to an organelle, and plays a role in prometaphase chromosome alignment and spindle organization during mitosis. Involved in anchoring microtubules to centrosomes. May play a role in synapse formation during brain development (By similarity).

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Membrane; Peripheral membrane protein. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:A0A5G2QD80}

Dynactin p50 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Dynactin p50 Antibody - Images**Dynactin p50 Antibody - Background**

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Dynactin p50 Antibody - References

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Ota T., et al. Nat. Genet. 36:40-45(2004).
Scherer S.E., et al. Nature 440:346-351(2006).
Aumais J.P., et al. Submitted (NOV-2002) to the EMBL/GenBank/DDBJ databases.
Gevaert K., et al. Nat. Biotechnol. 21:566-569(2003).