

# Product datasheet for TA344337

# Dynamitin (DCTN2) Rabbit Polyclonal Antibody

## **Product data:**

#### **Product Type: Primary Antibodies Applications:** WB Recommended Dilution: WB **Reactivity:** Human Rabbit Host: Isotype: lgG Polyclonal **Clonality:** Immunogen: The immunogen for anti-DCTN2 antibody: synthetic peptide directed towards the N terminal of human DCTN2. Synthetic peptide located within the following region: ADPKYADLPGIARNEPDVYETSDLPEDDQAEFDAFAQELEELTSTSVEHI Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers. **Purification:** Affinity Purified **Conjugation:** Unconjugated Store at -20°C as received. Storage: Stability: Stable for 12 months from date of receipt. **Predicted Protein Size:** 45 kDa Gene Name: dynactin subunit 2 Database Link: NP 006391 Entrez Gene 10540 Human Q13561



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### OriGene Technologies, Inc.

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#### Dynamitin (DCTN2) Rabbit Polyclonal Antibody - TA344337

Background:	DCTN2 is a 50-kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It 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 is present in 4-5 copies per dynactin molecule. It contains three short alpha-helical coiled-coil domains that may mediate association with self or other dynactin subunits. It may interact directly with the largest subunit (p150) of dynactin and may affix p150 in place.This gene encodes a 50-kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It 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 is present in 4-5 copies per dynactin molecule. It contains three short alpha-helical coiled-coil domains that may mediate association with self or other dynactin subunits. It may interact directly with the largest subunit (p150) of dynactin and may affix p150 in place. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Synonyms:	DCTN50; DYNAMITIN; HEL-S-77; RBP50

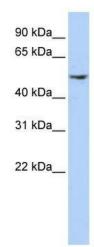
Note:

DCTN50; DYNAMITIN; HEL-S-77; RBP50

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%

**Protein Pathways:** 

## **Product images:**



Huntington's disease

WB Suggested Anti-DCTN2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:12500; Positive Control: Jurkat cell lysate

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