

## Rabbit anti-Human DCTN2 Polyclonal Antibody | anti-DCTN2 antibody

Rabbit anti-DCTN2 Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                            |
|-----------|--------|------------|---------------------------------------------------------|
| AAA212183 | Rabbit | Human      | Immunohistochemistry, Immunoprecipitation, Western Blot |

### PRODUCT SYNONYMS

DCTN2; Polyclonal Antibody; Rabbit anti-DCTN2 Antibody; Affinity Purified; dynactin 2 (p50); RBP50; p50 dynamitin; HEL-S-77; epididymis secretory sperm binding protein; epididymis secretory protein Li 77; DYNAMITIN; dynactin complex 50 kDa subunit; DCTN-50; DCTN50; 50 kDa dynein-associated polypeptide; dynactin subunit 2; Dynactin subunit 2; anti-DCTN2 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                    |
|-------------------------------------------------|------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                             |
| Reactivity                                      | Human                                                                              |
| Clonality                                       | Polyclonal                                                                         |
| Purity/Purification                             | Antigen Affinity Purified                                                          |
| Form/Format                                     | Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide |
| Concentration                                   | 200ug/ml (varies by lot)                                                           |
| Applicable Applications for anti-DCTN2 antibody | IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)            |
| Immunogen                                       | Between 351 and C-terminus                                                         |
| Conjugation                                     | Unconjugated                                                                       |
| Preparation and Storage                         | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                   |

### IMAGES



#### WB (Western Blot)

Detection of human DCTN2 by western blot and immunoprecipitation. Samples: Whole cell lysate from Jurkat (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and HeLa (H; 50 ug) cells. Antibodies: Affinity purified rabbit anti-DCTN2 antibody AAA212183 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. DCTN2 was also immunoprecipitated by rabbit anti-DCTN2 antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 3 seconds (B).



#### IHC (Immunohistochemistry)

Detection of human DCTN2 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-DCTN2 (Cat. No. AAA212183 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB. Counterstain: Hematoxylin (blue).

### ADDITIONAL INFORMATION

#### Related Product Information for anti-DCTN2 antibody

Dynactin subunit 2 (DCTN2) modulates cytoplasmic dynein binding to an organelle, and plays a role in prometaphase chromosome alignment and spindle organization during mitosis. DCTN2 is involved in anchoring microtubules to centrosomes. May play a role in synapse formation during brain development [taken from the Universal Protein Resource (UniProt) [www.uniprot.org/uniprot/Q13561](http://www.uniprot.org/uniprot/Q13561)].

## NCBI AND UNIPROT INFORMATION

|                                  |                                    |
|----------------------------------|------------------------------------|
| NCBI GI #                        | 5453629                            |
| NCBI GeneID                      | 10540                              |
| NCBI Accession #                 | NP_006391.1                        |
| NCBI GenBank Nucleotide #        | NM_006400.4                        |
| UniProt Accession #              | Q13561                             |
| NCBI Official Full Name          | dynactin subunit 2 isoform 1       |
| NCBI Official Synonym Full Names | dynactin subunit 2                 |
| NCBI Official Symbol             | DCTN2                              |
| NCBI Official Synonym Symbols    | RBP50; DCTN50; HEL-S-77; DYNAMITIN |
| NCBI Protein Information         | dynactin subunit 2                 |
| UniProt Protein Name             | Dynactin subunit 2                 |
| UniProt Gene Name                | <b>DCTN2</b>                       |
| UniProt Synonym Gene Names       | DCTN50; DCTN-50                    |
| UniProt Entry Name               | DCTN2_HUMAN                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/dctn2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212183>