

## Rabbit DCTN1 Polyclonal Antibody | anti-DCTN1 antibody

DCTN1 Antibody

|                               |                       |                                                                                                    |
|-------------------------------|-----------------------|----------------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA225070</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence</b> |
|-------------------------------|-----------------------|----------------------------------------------------------------------------------------------------|

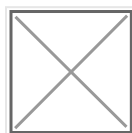
### PRODUCT SYNONYMS

DCTN1; Polyclonal Antibody; DCTN1 Antibody; Affinity Purified Rabbit Polyclonal DCTN1 Antibody; Polyclonal DCTN1 antibody; Anti-DCTN1 antibody; HMN7B antibody; DCTN 1 antibody; DAP-150 antibody; dynactin subunit 1 antibody; DCTN-1 antibody; P135 antibody; DP-150 antibody; DCTN1 antibody; DCTN-1; 150 kDa dynein-associated polypeptide antibody; dynactin 1 (p150 glued homolog Drosophila) antibody; DCTN 1; dynactin 1 antibody; anti-DCTN1 antibody

### PRODUCT SPECIFICATIONS

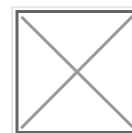
|                                                 |                                                                                                                                         |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                  |
| Clonality                                       | Polyclonal                                                                                                                              |
| Isotype                                         | IgG                                                                                                                                     |
| Purity/Purification                             | Antigen-Affinity Chromatography                                                                                                         |
| Form/Format                                     | Supplied as a concentrated solution containing 1X PBS, 1% BSA, 20% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.     |
| Concentration                                   | 1 mg/ml (varies by lot)                                                                                                                 |
| Sequence Length                                 | 1139                                                                                                                                    |
| Applicable Applications for anti-DCTN1 antibody | WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)                                       |
| Immunogen                                       | DCTN1 antibody was raised in rabbit using a synthetic peptide corresponding to a region within amino acids 1216 and 1278 of DCTN1       |
| Cross-Reactivity                                | Human                                                                                                                                   |
| Preparation and Storage                         | Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles. |

### IMAGES



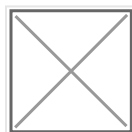
#### IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded OVCA using DCTN1 antibody at a dilution of 1:100



#### WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: JurKat) using a 5% SDS PAGE gel and DCTN1 antibody at a dilution of 1:3000



#### IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed HeLa, using DCTN1 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DCTN1 antibody | This gene encodes the largest 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. Dynactin 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 interacts with dynein intermediate chain by its domains directly binding to dynein and binds to microtubules via a highly conserved glycine-rich cytoskeleton-associated protein (CAP-Gly) domain in its N-terminus. |
| Product Categories/Family for anti-DCTN1 antibody   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                         |                |
|-------------------------|----------------|
| NCBI GI #               | 823673178      |
| Molecular Weight        | 142 kDa        |
| NCBI Official Full Name | DCTN1, partial |

**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/dctn1-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225070>