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 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].

Product Categories/Family for anti-DCTN2 antibody	Primary Antibodies

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	**DCTN2**
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
Online datasheet: https://stage.aaabiotech.com/polyclonal/dctn2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212183