

Rabbit anti-Human, mouse DCTN2 Polyclonal Antibody | anti-DCTN2 antibody

DCTN2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229870	Rabbit	Human, mouse	Immunohistochemistry, Western Blot, ELISA

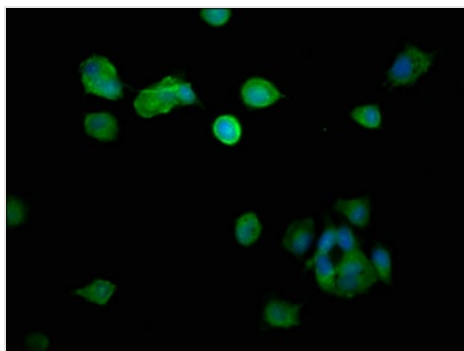
PRODUCT SYNONYMS

DCTN2; Polyclonal Antibody; DCTN2 Antibody; Dynactin subunit 2; DCTN50; 50 kDa dynein-associated polypeptide; Dynactin complex 50 kDa subunit; DCTN-50; p50 dynamitin; anti-DCTN2 antibody

PRODUCT SPECIFICATIONS

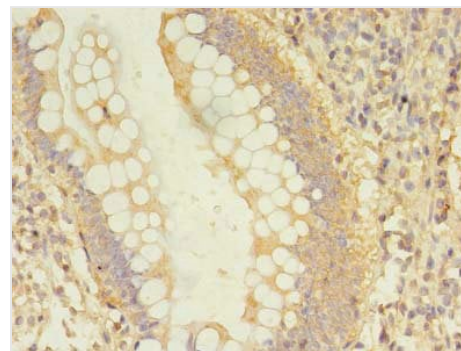
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Liquid
Sequence Length	403
Applicable Applications for anti-DCTN2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Dynactin subunit 2 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-167697
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of MCF-7 cells with AAA229870 at 1:266, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine tissue using AAA229870 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-DCTN2 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	387527972
NCBI GeneID	10540
NCBI Accession #	NP_001248341.1
NCBI GenBank Nucleotide #	NM_001261412.1
UniProt Accession #	Q13561; Q86YN2; Q9BW17; B2RBK5
Molecular Weight	44,473 Da
NCBI Official Full Name	dynactin subunit 2 isoform 2
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dctn2-antibody-immunohistochemistry-western-blot-elisa/229870>