

Rabbit DCTN2 Polyclonal Antibody | anti-DCTN2 antibody

DCTN2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302188	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

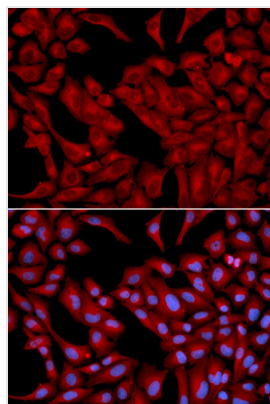
PRODUCT SYNONYMS

DCTN2; Polyclonal Antibody; DCTN2 Antibody; DCTN50; DYNAMITIN; RBP50; anti-DCTN2 antibody

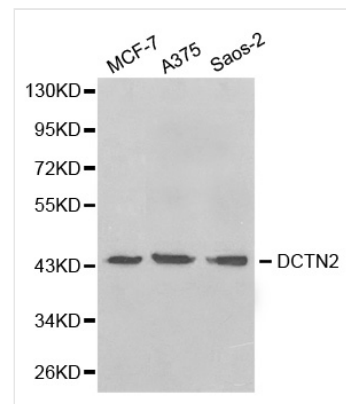
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total DCTN2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	403
Applicable Applications for anti-DCTN2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human DCTN2.
Target Name	DCTN2
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using DCTN2 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DCTN2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DCTN2 antibody	Dynamin is a 50 kDa protein containing a calmodulin binding domain, a putative ATPase domain and MacMARCKS-binding domain. This protein is a part of the dynactin complex believed to link the dynactin complex to membrane compartments. Its functions are tightly associated with dynein motor protein, thus extend to vesicle trafficking and membrane integrity. Dynamin was named so because its overexpression causes dynactin complex which contains 10 subunits, to disassemble. Its N terminal 58 amino acid is for MacMARCKS binding and residues 59-83 is responsible for calmodulin binding. This antibody is against the full length p50 dynamin.
Product Categories/Family for anti-DCTN2 antibody	Total protein Ab

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 2 (p50)
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://stage.aaabiotech.com/polyclonal/dctn2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/302188>