

Rabbit DCTN2 Polyclonal Antibody | anti-DCTN2 antibody

DCTN2 Polyclonal Antibody

CATALOG # AAA37308	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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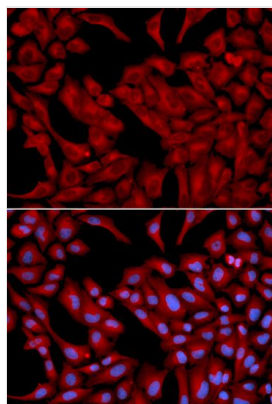
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

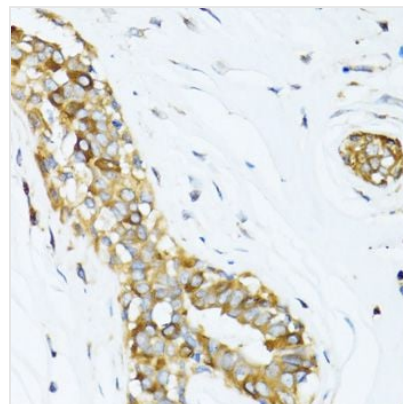
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	401
Applicable Applications for anti-DCTN2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human DCTN2
Calculated Molecular Weight	44kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



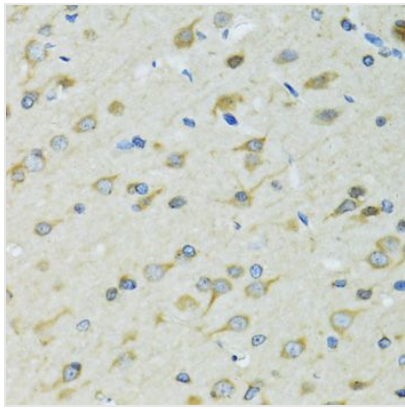
IF (Immunofluorescence)

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



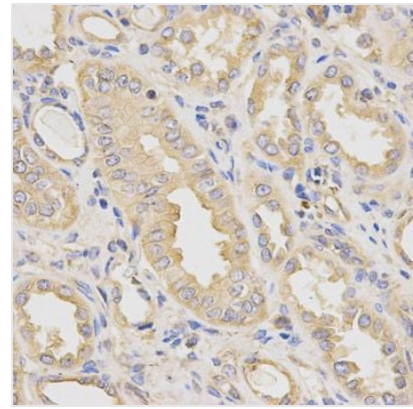
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using DCTN2 antibody at dilution of 1:100 (40x lens).



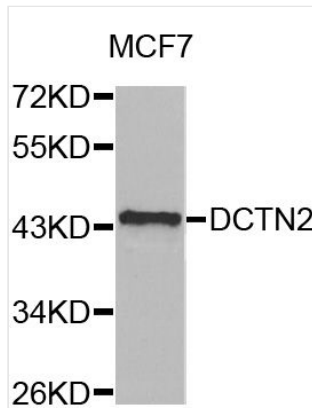
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using DCTN2 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using DCTN2 antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of MCF-7 cells, using DCTN2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-DCTN2 antibody	Dynamitin 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. Dynamitin 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 dynamitin.
Product Categories/Family for anti-DCTN2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	22096346
NCBI GeneID	10540
UniProt Accession #	Q13561 ; Q86YN2 ; Q9BW17 ; B2RBK5
Molecular Weight	401
NCBI Official Full Name	Dynactin subunit 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; p50 dynamitin; dynactin complex 50 kD subunit; dynactin complex 50 kDa subunit; epididymis secretory protein Li 77; 50 kD dynein-associated polypeptide; 50 kDa dynein-associated polypeptide
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-immunofluorescence-immunohistochemistry-western-blot-elisa/37308>