

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

DCTN2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA177583	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

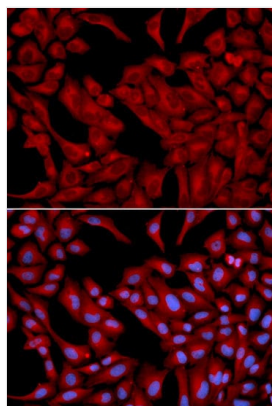
PRODUCT SYNONYMS

DCTN2; Polyclonal Antibody; DCTN2 Polyclonal Antibody; DCTN50; DYNAMITIN; HEL-S-77; RBP50; anti-DCTN2 antibody

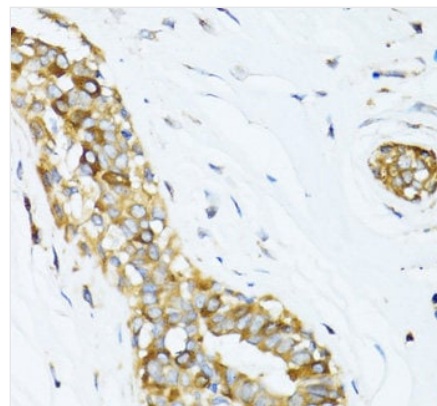
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-DCTN2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human DCTN2 (NP_0063911)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

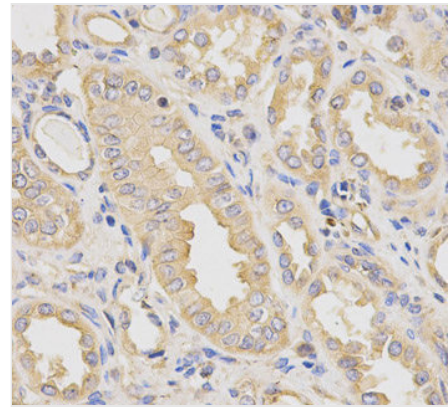
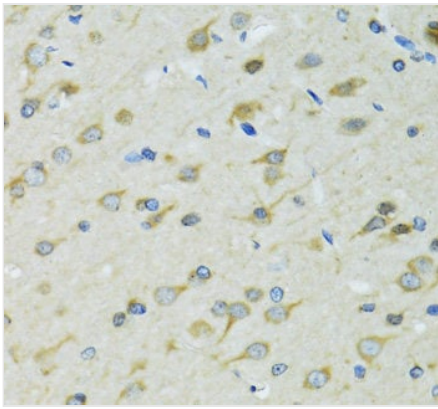
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using DCTN2 Polyclonal Antibody

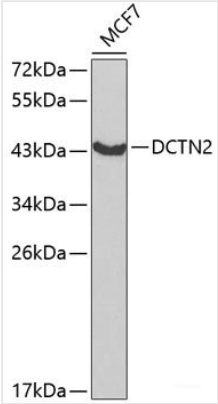

IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Rat brain using DCTN2 Polyclonal Antibody at dilution of 1:100 (40x lens).

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human kidney using DCTN2 Polyclonal Antibody at dilution of 1:200 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of MCF-7 cells using DCTN2 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-DCTN2 antibody	This gene encodes a 50-kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It 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 is present in 4-5 copies per dynactin molecule. It contains three short alpha-helical coiled-coil domains that may mediate association with self or other dynactin subunits. It may interact directly with the largest subunit (p150) of dynactin and may affix p150 in place. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Product Categories/Family for anti-DCTN2 antibody	Cell Biology; Signal Transduction; Polyclonal Antibody

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	44,231 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; DYNAMITIN
NCBI Protein Information	dynactin subunit 2; p50 dynamitin; dynactin complex 50 kD subunit; dynactin complex 50 kDa subunit; 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://stage.aaabiotech.com/polyclonal/dctn2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/177583>