

Rabbit p50 Dynamitin Polyclonal Antibody | anti-DCTN2 antibody

p50 Dynamitin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304685	Rabbit	Human, Mouse, Rat	Western Blot

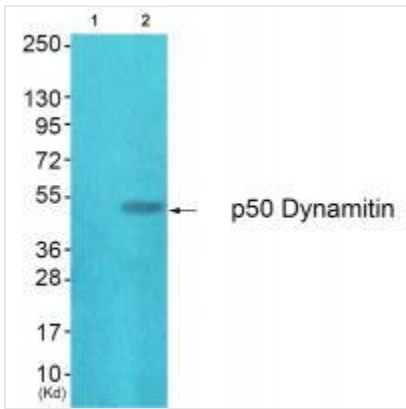
PRODUCT SYNONYMS

p50 Dynamitin; Polyclonal Antibody; p50 Dynamitin Antibody; 50 kDa dynein-associated polypeptide; DCT2; DCTN-50; DCTN2; dynactin complex 50 kDa subunit; anti-DCTN2 antibody

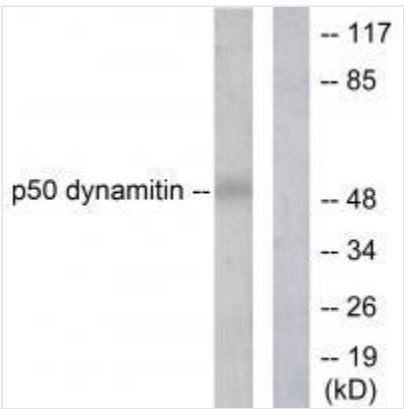
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total p50 dynamitin protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG 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	WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human p50 dynamitin.
Target Name	p50 Dynamitin
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HuvEc cells (Lane 2), using p50 Dynamitin antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from A549 cells, using p50 dynamitin antibody.

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.Scott S. Grieshaber, J. Cell Sci., Sep 2003; 116: 3793. Janis K. Burkhardt, J. Cell Biol., Oct 1997; 139: 469. Karin A. Melkonian, J. Biol. Chem., Apr 2007; 10.1074.Lili Yue, J. Biol. Chem., Jul 2000; 275: 23948.
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.

