

Rabbit anti-Human, Rat DCTN3 Polyclonal Antibody | anti-DCTN3 antibody

DCTN3 Antibody

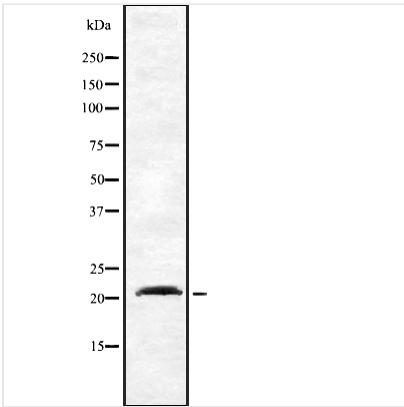
CATALOG # AAA327465	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

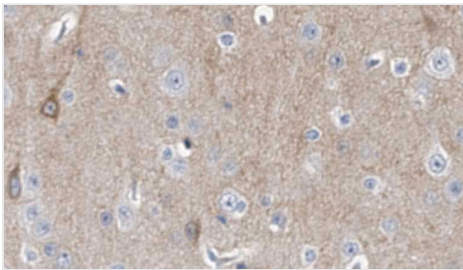
DCTN3; Polyclonal Antibody; DCTN3 Antibody; DCNT22; DCTN 22; DCTN22; Dctn3; DCTN3_HUMAN; dynactin 3 (p22); dynactin 3; dynactin 3 isoform 1; Dynactin complex subunit 22 kDa subunit; dynactin light chain; Dynactin subunit 3; p22; anti-DCTN3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DCTN3 antibody detects endogenous levels of total DCTN3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	158
Applicable Applications for anti-DCTN3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DCTN3
Subcellular Location	Cytoplasm. Cytoplasm > Cytoskeleton > Centrosome. Chromosome > Centromere > Kinetochore. Cytoplasm > Cytoskeleton > Spindle. Cleavage Furrow. Midbody. Localizes to punctate cytoplasmic structures and to the centrosome during interphase, and to kinetochores and to spindle poles throughout mitosis. Colocalizes with dynein to the cleavage furrow and to midbody of dividing cells.
Tissue Specificity	Ubiquitously expressed. Highly expressed in muscle and pancreas and detected at lower levels in brain.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (92%), Bovine (92%), Horse (92%), Sheep (92%), Rabbit (92%), Dog (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of DCTN3 using LOVO whole cell lysates



IHC (Immunohistochemistry)
AAA327465 at 1/100 staining Human brain cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-DCTN3 antibody	Function: Together with dynein may be involved in spindle assembly and cytokinesis. Subunit Structure: Subunit of dynactin, a multiprotein complex associated with dynein. Similarity: Belongs to the dynactin subunit 3 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	526479822
NCBI GeneID	11258
NCBI Accession #	NP_001268354.1
NCBI GenBank Nucleotide #	NM_001281425.1
UniProt Accession #	O75935; Q5T1I5; Q5T1I7; Q5T8G3; Q9BPU8; A6NII7; B2RBM5
Molecular Weight	Observed: 21 kDa Predicted: 22 kDa
NCBI Official Full Name	dynactin subunit 3 isoform 3
NCBI Official Synonym Full Names	dynactin subunit 3
NCBI Official Symbol	DCTN3
NCBI Official Synonym Symbols	DCTN22; DCTN-22
NCBI Protein Information	dynactin subunit 3
UniProt Protein Name	Dynactin subunit 3
UniProt Gene Name	DCTN3
UniProt Synonym Gene Names	p22

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.