

Rabbit DCTN4 Polyclonal Antibody | anti-DCTN4 antibody

DCTN4 Antibody (N-term)

CATALOG # AAA285908	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

DCTN4; Polyclonal Antibody; DCTN4 Antibody (N-term); Dynactin subunit 4; Dyn4; Dynactin subunit p62; anti-DCTN4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DCTN4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DCTN4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	467
Applicable Applications for anti-DCTN4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

DCTN4 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DCTN4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

DCTN4 Antibody (N-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the DCTN4 antibody detected the DCTN4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DCTN4 antibody	DCTN4 could have a dual role in dynein targeting and in ACTR1A/Arp1 subunit of dynactin pointed-end capping. Could be involved in ACTR1A pointed-end binding and in additional roles in linking dynein and dynactin to the cortical cytoskeleton.
Product Categories/Family for anti-DCTN4 antibody	Signal Transduction
References	Ayalon, G., et al. Cell 135(7):1189-1200(2008) Lim, C.M., et al. J. Biol. Chem. 281(20):14006-14014(2006) Boultonwood, J., et al. Genomics 66(1):26-34(2000) Karki, S., et al. J. Biol. Chem. 275(7):4834-4839(2000) Bingham, J.B., et al. Curr. Biol. 9(4):223-226(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	208431793
NCBI GeneID	51164
NCBI Accession #	NP_001129115.1; NP_001129116.1; NP_057305.1
NCBI GenBank Nucleotide #	NM_001135643.1
UniProt Accession #	Q9UJW0; Q8TAN8; B3KWW0; D3DQH0; E5RGT5
Molecular Weight	52337
NCBI Official Full Name	dynactin subunit 4 isoform a
NCBI Official Synonym Full Names	dynactin 4 (p62)
NCBI Official Symbol	DCTN4
NCBI Official Synonym Symbols	P62; DYN4
NCBI Protein Information	dynactin subunit 4
UniProt Protein Name	Dynactin subunit 4
UniProt Gene Name	DCTN4
UniProt Synonym Gene Names	Dyn4
UniProt Entry Name	DCTN4_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/dctn4-antibody-immunohistochemistry-western-blot-elisa/285908>