

Rabbit anti-Human, Mouse DCTN4/Dynactin p62 Polyclonal Antibody | anti-DCTN4 antibody

Rabbit anti-DCTN4/Dynactin p62 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213040	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

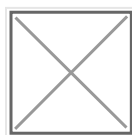
PRODUCT SYNONYMS

DCTN4/Dynactin p62; Polyclonal Antibody; Rabbit anti-DCTN4/Dynactin p62 Antibody; Affinity Purified; dynactin p62 subunit; dynactin subunit 4; dynactin 4 (p62); DYN4; P62; dynactin subunit p62; Dynactin subunit 4; anti-DCTN4 antibody

PRODUCT SPECIFICATIONS

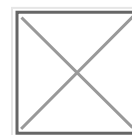
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-DCTN4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 350 and 400
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse DCTN4 by western blot. Samples: Whole cell lysate (25 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DCTN4 antibody AAA213040 (lot AAA213040-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human DCTN4 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DCTN4 antibody AAA213040 (lot AAA213040-1) used for IP at 6 ug per reaction. DCTN4 was also immunoprecipitated by rabbit anti-DCTN4 antibody BL19260. For blotting immunoprecipitated DCTN4, AAA213040 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-DCTN4 antibody

DCTN4/Dynactin p62 could have a dual role in dynein targeting and in ACTR1A/Arp1 subunit of dynactin pointed-end capping. DCTN4/Dynactin p62 could be involved in ACTR1A pointed-end binding and in additional roles in linking dynein and dynactin to the cortical cytoskeleton [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9UJW0].

NCBI AND UNIPROT INFORMATION

NCBI GI #	208431791
NCBI GeneID	51164
NCBI Accession #	NP_057305.1
NCBI GenBank Nucleotide #	NM_016221
UniProt Accession #	Q9UJW0; Q8TAN8; B3KWW0; D3DQH0; E5RGT5
Molecular Weight	53,152 Da
NCBI Official Full Name	Homo sapiens dynactin 4 (p62) (DCTN4), transcript variant 2, mRNA
NCBI Official Synonym Full Names	dynactin 4 (p62)
NCBI Official Symbol	DCTN4
NCBI Official Synonym Symbols	P62; DYN4
NCBI Protein Information	dynactin subunit 4; dynactin p62 subunit; dynactin subunit p62
UniProt Protein Name	Dynactin subunit 4
UniProt Gene Name	DCTN4
UniProt Synonym Gene Names	Dyn4

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-dynactin-p62-antibody-immunoprecipitation-western-blot-elisa/213040>