

Mouse anti-Human Dynactin 1 Monoclonal Antibody | anti-DCTN1 antibody

Dynactin 1 (N-term) Mouse mAb

CATALOG # AAA320293	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Dynactin 1; Monoclonal Antibody; Dynactin 1 (N-term) Mouse mAb; 150 kDa dynein associated polypeptide; 150 kDa dynein-associated polypeptide; DAP 150; DAP-150; DAP150; DCTN 1; DCTN1; DCTN1_HUMAN; DP 150; DP-150; DP150; Dynactin 1 (p150 Glued (Drosophila) homolog); dynactin 1 (p150 glued homolog Drosophila); Dynactin subunit 1; Dynactin1; HMN7B; p135; p150 Glued (Drosophila) homolog; p150 glued; p150 glued homolog; p150(GLUED) DROSOPHILA HOMOLOG OF; p150-glued; p150glued.; anti-DCTN1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of Dynactin 1(N-terminus),and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-DCTN1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Purified recombinant Dynactin 1 protein fragments expressed in E coli
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of Hela cell lysates using Dynactin 1 mouse mAb.



WB (Western Blot)

Western blot detection of Dynactin 1 in K562.MCF7.293T and Hela cell lysates using Dynactin 1 mouse mAb (1:500 diluted).Predicted band size:150KDa.Observed band size: 150KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-DCTN1 antibody	This gene encodes the largest subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. Dynactin 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 interacts with dynein intermediate chain by its domains directly binding to dynein and binds to microtubules via a highly conserved glycine-rich cytoskeleton-associated protein (CAP-Gly) domain in its N-terminus. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. Mutations in this gene cause distal hereditary motor neuronopathy type VIIB (HMN7B) which is also known as distal spinal and bulbar muscular atrophy (dSBMA). [
Product Categories/Family for anti-DCTN1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	17375490
NCBI GeneID	1639
UniProt Accession #	Q14203; O95296; Q6IQ37; Q9BRM9; Q9UIU1; Q9UIU2; A8MY36; B4DM45; E9PFS5; E9PGE1; G5E9H4
Molecular Weight	1278
NCBI Official Full Name	Dynactin subunit 1
NCBI Official Synonym Full Names	dynactin 1
NCBI Official Symbol	DCTN1
NCBI Official Synonym Symbols	P135; DP-150; DAP-150
NCBI Protein Information	dynactin subunit 1; 150 kDa dynein-associated polypeptide; dynactin 1 (p150, glued homolog, Drosophila)
UniProt Protein Name	Dynactin subunit 1
UniProt Gene Name	DCTN1
UniProt Synonym Gene Names	DP-150
UniProt Entry Name	DCTN1_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/monoclonal/dynactin-1-antibody-immunoprecipitation-western-blot-elisa/320293>