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DCTN6 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17686c

Product Information

Application	WB, E
Primary Accession	O00399
Other Accession	NP_006562.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37679
Calculated MW	20747
Antigen Region	53-80

Additional Information

Gene ID	10671
Other Names	Dynactin subunit 6, Dynactin subunit p27, Protein WS-3, DCTN6, WS3
Target/Specificity	This DCTN6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 53-80 amino acids from the Central region of human DCTN6.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	DCTN6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DCTN6 (HGNC:16964)
Synonyms	WS3
Function	Part of the dynactin complex that activates the molecular motor dynein for

ultra-processive transport along microtubules.

Cellular Location Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:D0G6S1}. Chromosome, centromere, kinetochore

Tissue Location Ubiquitous.

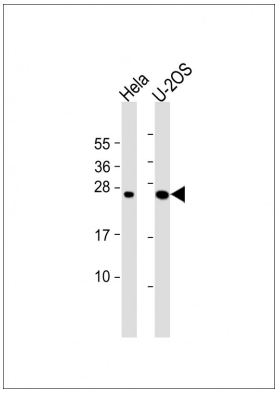
Background

The protein encoded by this gene contains an RGD (Arg-Gly-Asp) motif in the N-terminal region, which confers adhesive properties to macromolecular proteins like fibronectin. It shares a high degree of sequence similarity with the mouse homolog, which has been suggested to play a role in mitochondrial biogenesis. The exact biological function of this gene is not known.

References

Lamesch, P., et al. Genomics 89(3):307-315(2007)
Parisi, G., et al. FEBS Lett. 562 (1-3), 1-4 (2004) :
Eckley, D.M., et al. J. Cell Biol. 147(2):307-320(1999)
Murdock, D.G., et al. J. Biol. Chem. 274(20):14429-14433(1999)
Ichikawa, K., et al. Gene 189(2):277-287(1997)

Images



All lanes : Anti-DCTN6 Antibody (Center) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.