

Product Datasheet

Dynactin Subunit 2/DCTN2/DCTN-50 Antibody - BSA Free NBP1-85277

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-85277

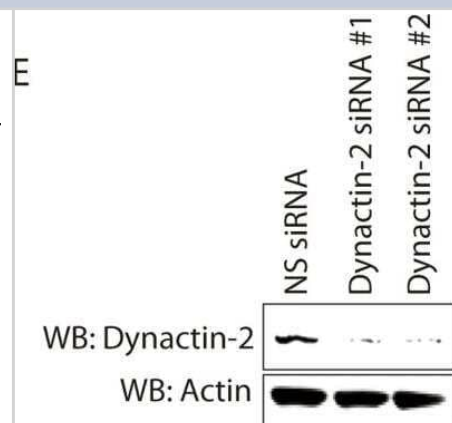
Dynactin Subunit 2/DCTN2/DCTN-50 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit Dynactin Subunit 2/DCTN2/DCTN-50 Antibody - BSA Free (NBP1-85277) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Dynactin Subunit 2/DCTN2/DCTN-50 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10540
Gene Symbol	DCTN2
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RWSPIASTLPQRLVQRLVTIKQLHEQAMQFGQLLTHLDTTQQMIANSKDNNTLLT QVQTTMRENLATVEGNFASIDERMKKL
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF and WB reactivity reported in (PMID: 25669897).

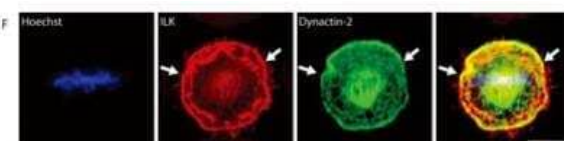


Images

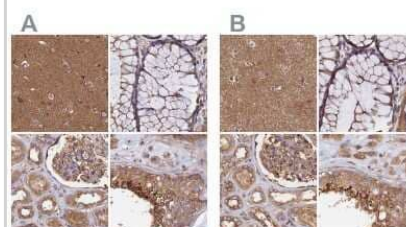
Western Blot: Dynactin Subunit 2/DCTN2/DCTN-50 Antibody [NBP1-85277] - Quantification of Dynactin-2 knockdown in HeLa cells by Western Blot. Western blots were cropped as indicated (black boxes). For all samples, SDS-PAGE and Western blotting were performed under the same experimental conditions. n:20 for each condition. * = $p < 0.05$; ** = $p < 0.01$. Scale bar 10 μ m. Error bars represent SEM. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/srep08389>) licensed under a CC-BY license.



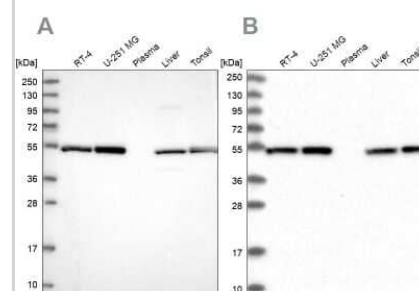
Immunocytochemistry/Immunofluorescence: Dynactin Subunit 2/DCTN2/DCTN-50 Antibody [NBP1-85277] - Dynactin-2 is part of the linker arm for the molecular motor Dynein. ILK and Dynactin-2 colocalize at the basal cortex but not at the spindle. of a metaphase cell. Scale bar 10 μ m. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/srep08389>) licensed under a CC-BY license.



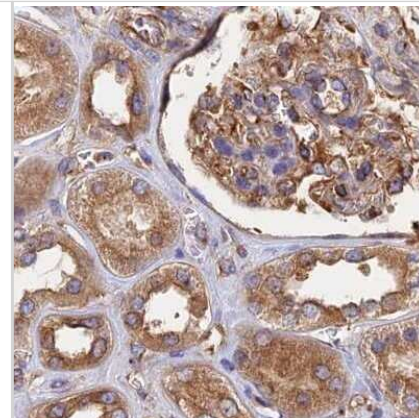
Immunohistochemistry-Paraffin: Dynactin Subunit 2/DCTN2/DCTN-50 Antibody [NBP1-85277] - Staining of human cerebral cortex, colon, kidney and testis using Anti-DCTN2 antibody NBP1-85277 (A) shows similar protein distribution across tissues to independent antibody NBP1-85278 (B).



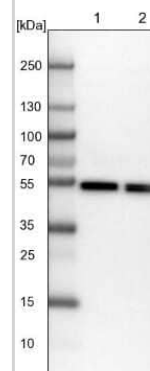
Western Blot: Dynactin Subunit 2/DCTN2/DCTN-50 Antibody [NBP1-85277] - Analysis using Anti-DCTN2 antibody NBP1-85277 (A) shows similar pattern to independent antibody NBP1-85278 (B).



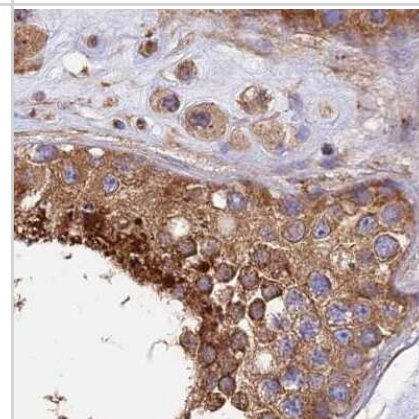
Immunohistochemistry-Paraffin: Dynactin Subunit 2/DCTN2/DCTN-50 Antibody [NBP1-85277] - Staining of human kidney.



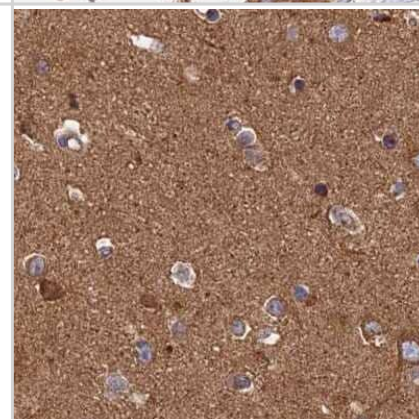
Western Blot: Dynactin Subunit 2/DCTN2/DCTN-50 Antibody [NBP1-85277] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



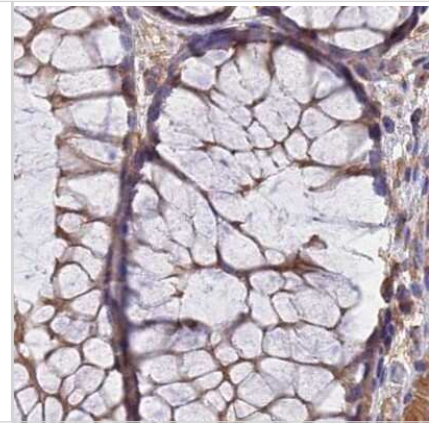
Immunohistochemistry-Paraffin: Dynactin Subunit 2/DCTN2/DCTN-50 Antibody [NBP1-85277] - Staining of human testis.



Immunohistochemistry-Paraffin: Dynactin Subunit 2/DCTN2/DCTN-50 Antibody [NBP1-85277] - Staining of human cerebral cortex.



Immunohistochemistry-Paraffin: Dynactin Subunit 2/DCTN2/DCTN-50 Antibody [NBP1-85277] - Staining of human colon.



Publications

Morris EJ, Assi K, Salh B, Dedhar S. Integrin-Linked Kinase links Dynactin-1/Dynactin-2 with cortical Integrin receptors to orient the mitotic spindle relative to the substratum Sci Rep. 2015-02-11 [PMID: 25669897] (ICC/IF, WB, Human)



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Products Related to NBP1-85277

NBP1-85277PEP	Dynactin Subunit 2/DCTN2/DCTN-50 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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