

Product Datasheet

CCDC41 Antibody - BSA Free

NBP1-90690

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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Publications: 4

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Updated 12/2/2025 v.20.1

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NBP1-90690

CCDC41 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

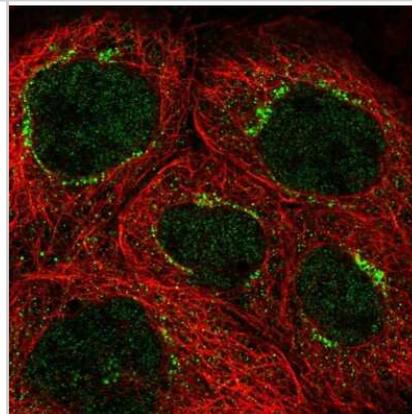
Product Description	
Description	Novus Biologicals Rabbit CCDC41 Antibody - BSA Free (NBP1-90690) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-CCDC41 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51134
Gene Symbol	CEP83
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LKRLQEKVEVLEAKKEELETENQVLNRQNVFPEDYTRLQKRLKDIQRRHNEFR SLILVPNMPPTASINPVSFQSSAMVPSMELPFPHPMQEEQHREL

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

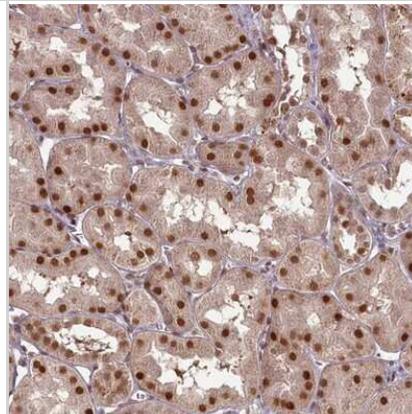


Images

Immunocytochemistry/Immunofluorescence: CCDC41 Antibody [NBP1-90690] - Staining of human cell line A-431 shows positivity in nucleus and golgi apparatus. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: CCDC41 Antibody [NBP1-90690] - Staining of human kidney shows strong nuclear positivity in renal tubules.



Publications

Tsai, JJ;Hsu, WB;Liu, JH;Chang, CW;Tang, TK; CEP120 interacts with C2CD3 and Talpid3 and is required for centriole appendage assembly and ciliogenesis Sci Rep 2019-04-15 [PMID: 30988386] (ICC/IF, Human)

Vertii A, Zimmerman W, Ivshina M et al. Centrosome-intrinsic mechanisms modulate centrosome integrity during fever. Mol Biol Cell 2015-10-01 [PMID: 26269579] (ICC/IF, Human)

Kong D, Farmer V, Shukla A et al. Centriole maturation requires regulated Plk1 activity during two consecutive cell cycles. J Cell Biol 2014-09-29 [PMID: 25246616] (IF/IHC)

Failler M, Gee HY, Krug P et al. Mutations of CEP83 Cause Infantile Nephronophthisis and Intellectual Disability. Am J Hum Genet 2014-06-05 [PMID: 24882706] (ICC/IF, Human)



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Products Related to NBP1-90690

NBP1-90690PEP	CCDC41 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

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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