

Product Datasheet

CROCC Antibody - BSA Free

NBP1-80820

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: 13

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Updated 2/21/2025 v.20.1

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NBP1-80820

CROCC 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

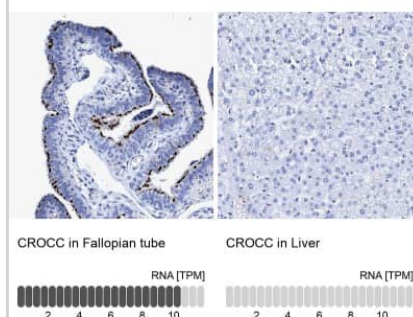
Host	Rabbit
Gene ID	9696
Gene Symbol	CROCC
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VKRLEKQNLEKDQVNKDLTEKLEALESLRLQEQALETEDGEGGLQQTLRDLAQ AVLSDSESGVQLSGSERTADASNGS

Product Application Details

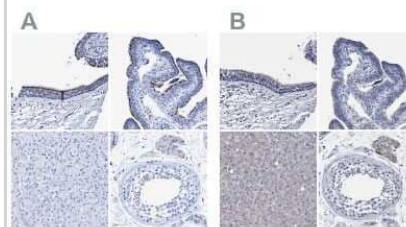
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

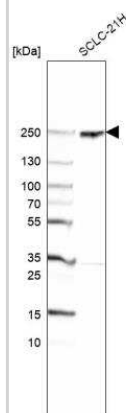
Immunohistochemistry-Paraffin: CROCC Antibody [NBP1-80820] - Staining in human fallopian tube and liver tissues using NBP1-80820 antibody. Corresponding CROCC RNA-seq data are presented for the same tissues.



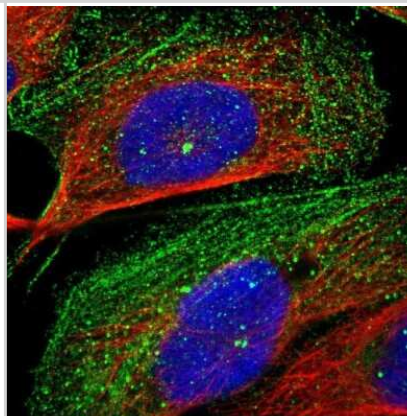
Immunohistochemistry-Paraffin: CROCC Antibody [NBP1-80820] - Staining of human bronchus, fallopian tube, liver and testis using Anti-CROCC antibody NBP1-80820 (A) shows similar protein distribution across tissues to independent antibody NBP1-80821 (B).



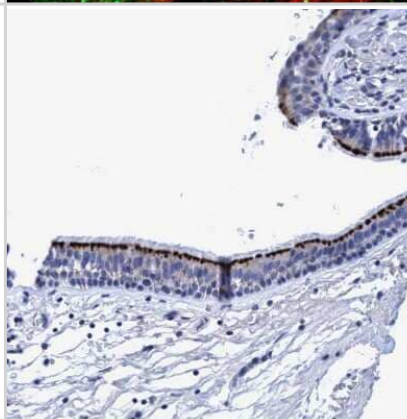
Western Blot: CROCC Antibody [NBP1-80820] - Analysis in human cell line SCLC-21H.



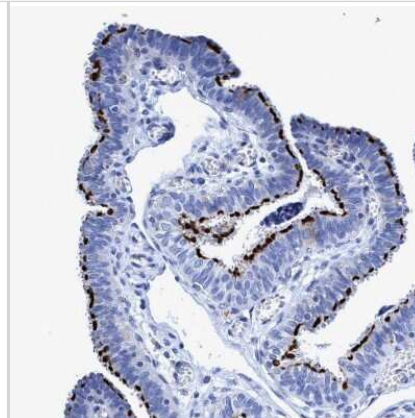
Immunocytochemistry/Immunofluorescence: CROCC Antibody [NBP1-80820] - Staining of human cell line U-2 OS shows localization to plasma membrane, centrosome & actin filaments. Antibody staining is shown in green.



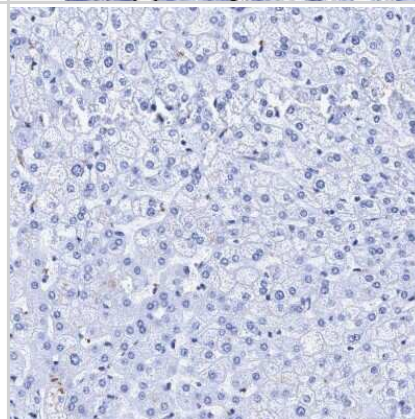
Immunohistochemistry-Paraffin: CROCC Antibody [NBP1-80820] - Staining of human bronchus shows strong positivity in apical membrane in respiratory epithelial cells.



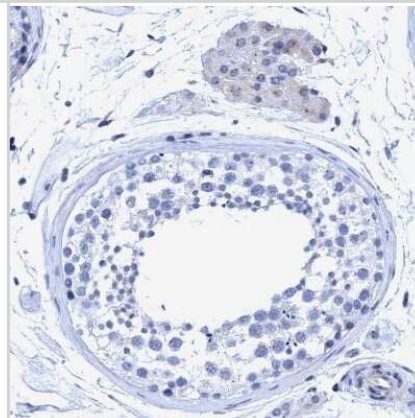
Immunohistochemistry-Paraffin: CROCC Antibody [NBP1-80820] - Staining of human Fallopian tube shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: CROCC Antibody [NBP1-80820] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: CROCC Antibody [NBP1-80820] - Staining of human testis shows very weak cytoplasmic positivity in Leydig cells.



Publications

Verschueren A, Boucherit L, Ferrari U et al. Planar polarity in primate cone photoreceptors: a potential role in Stiles Crawford effect phototropism *Communications Biology* 2022-01-24 [PMID: 35075261]

Xu G, Wei X, Tu Q, Zhou C. Up-regulated microRNA-33b inhibits epithelial-mesenchymal transition in gallbladder cancer through down-regulating CROCC *Bioscience Reports* 2020-01-31 [PMID: 31799620] (Western Blot)

Mahen R. cNap1 bridges centriole contact sites to maintain centrosome cohesion *PLOS Biology* 2022-10-25 [PMID: 36282799]

Murakami S, Soyama A, Miyamoto D et al. Transplantation of chemically-induced liver progenitor cells ameliorates hepatic fibrosis in mice with diet-induced nonalcoholic steatohepatitis *Regenerative Therapy* 2022-12-01 [PMID: 36475025] (IF/IHC, ICC/IF, Rat)

Faubel RJ, Santos Canellas VS, Gaesser J et al. Flow blockage disrupts cilia-driven fluid transport in the epileptic brain *Acta neuropathologica* 2022-08-18 [PMID: 35980457]

Chu Z, Gruss OJ Mitotic Maturation Compensates for Premature Centrosome Splitting and PCM Loss in Human cep135 Knockout Cells *Cells* 2022-04-01 [PMID: 35406752] (ICC/IF, Human)

Park HS, Papanastasi E, Blanchard G et al. ARP-T1-associated Bazex-DuprE-Christol syndrome is an inherited basal cell cancer with ciliary defects characteristic of ciliopathies *Communications biology* 2021-05-10 [PMID: 33972689] (IF/IHC, Human)

Park HS, Pich C, Chiticariu E, Bachmann D ARP-T1 is a ciliary protein associated with a novel ciliopathy in inherited basal cell cancer, Bazex-DuprE-Christol Syndrome *bioRxiv* 2019-12-16 [PMID: 33972689] (ICC/IF, Human)

Mahen R. Stable centrosomal roots disentangle to allow interphase centriole independence. *bioRxiv*. [PMID: 29649211] (ICC/IF, Human)

Flanagan AM, Stavenschi E, Basavaraju S et al. Centriole splitting caused by loss of the centrosomal linker protein C-NAP1 reduces centriolar satellite density and impedes centrosome amplification. *Mol Biol Cell* 2017-03-15 [PMID: 28100636] (WB)

Wallmeier J, Al-Mutairi DA, Chen CT et al. Mutations in CCNO result in congenital mucociliary clearance disorder with reduced generation of multiple motile cilia. *Nat Genet* 2014-06-01 [PMID: 24747639]

Loffler H, Fechter A, Liu FY et al. DNA damage-induced centrosome amplification occurs via excessive formation of centriolar satellites. *Oncogene*. 2012-07-23 [PMID: 22824794]

More publications at <http://www.novusbio.com/NBP1-80820>





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Products Related to NBP1-80820

NBP1-80820PEP	CROCC 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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