

Product Datasheet

TTC21B Antibody - BSA Free

NBP1-90416

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: 2

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NBP1-90416

TTC21B 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

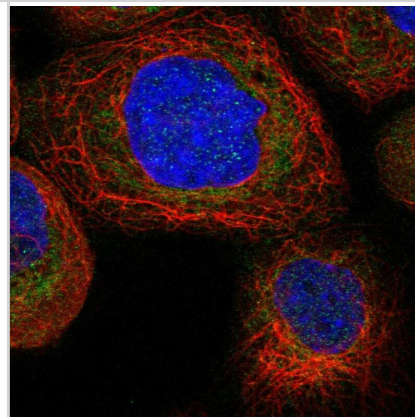
Product Description	
Description	Novus Biologicals Rabbit TTC21B Antibody - BSA Free (NBP1-90416) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-TTC21B Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	79809
Gene Symbol	TTC21B
Species	Human, Zebrafish
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (86%). Zebrafish reactivity reported in scientific literature (PMID: 25860617).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ALAHEPVNELSALMEDGRCQVLLAKVYSKMEKLGDAITALQQARELQARVLKR VQMEQPDAVPAQKHLAAEICAIEIAKHSVAQRDYE

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.



Images

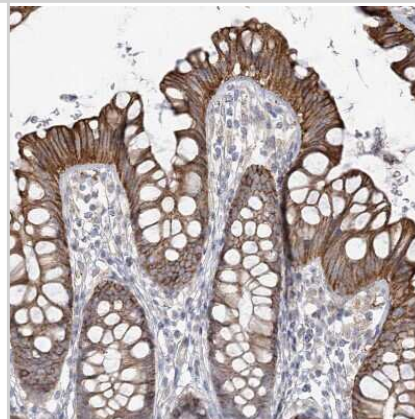
Staining of human cell line A-431 shows localization to mitochondria.



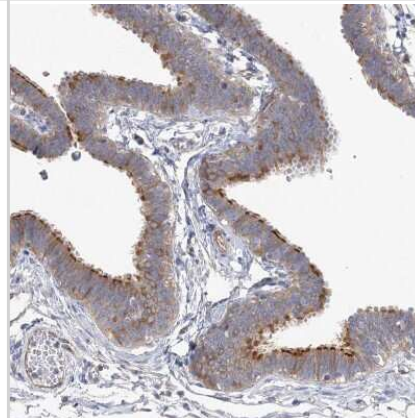
Immunohistochemistry-Paraffin: TTC21B Antibody [NBP1-90416] - Staining of human testis shows weak cytoplasmic/membranous positivity in cells in seminiferous ducts.



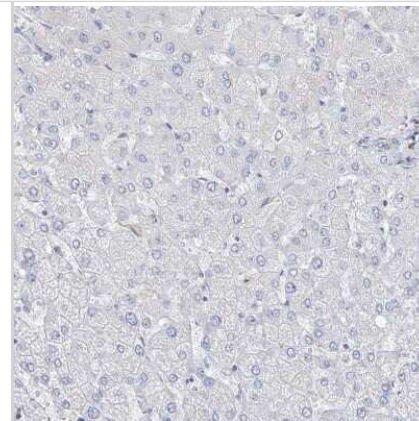
Immunohistochemistry-Paraffin: TTC21B Antibody [NBP1-90416] - Staining of human colon shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: TTC21B Antibody [NBP1-90416] - Staining of human fallopian tube shows moderate to strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: TTC21B Antibody [NBP1-90416] - Staining of human liver shows no positivity in hepatocytes as expected.



Publications

Quidwai T, Wang J, Hall EA et al. A WDR35-dependent coat protein complex transports ciliary membrane cargo vesicles to cilia eLife 2021-11-04 [PMID: 34734804] (Immunocytochemistry/ Immunofluorescence, Fish - Danio rerio (Zebrafish))

Xu Y, Cao J, Huang S et al. Characterization of Tetratricopeptide Repeat-Containing Proteins Critical for Cilia Formation and Function. PLoS One 2015-01-01 [PMID: 25860617] (ICC/IF, Zebrafish)



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Products Related to NBP1-90416

NBP1-90416PEP	TTC21B 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.

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