

# Product Datasheet

## CCT5 Antibody - BSA Free

### NBP1-83042

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: 1

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**NBP1-83042**

CCT5 Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

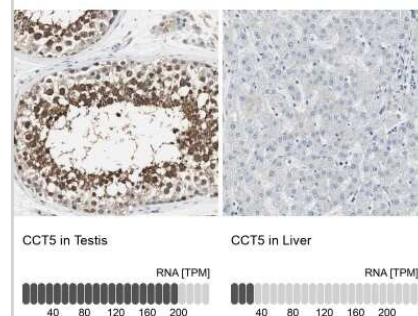
Product Description	
<b>Description</b>	Novus Biologicals Rabbit CCT5 Antibody - BSA Free (NBP1-83042) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-CCT5 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	22948
<b>Gene Symbol</b>	CCT5
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: ALQKYEKEKFEEMIQQIKETGANLAICQWGFDDDEANHLLLQNNLP AVRWVGGP EIELIAIATGGRIVPRFSELTAEKLGFAGLVQEISFGTTKDKMLVIEQCKNSRAVTI FIRGGNKMIIIEAKRSLHDALCVIRNLIRDNRVYGGGA

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

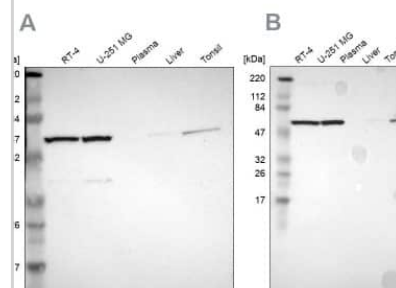


## Images

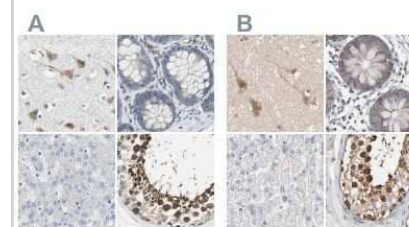
Immunohistochemistry-Paraffin: CCT5 Antibody [NBP1-83042] - Staining in human testis and liver tissues using anti-CCT5 antibody. Corresponding CCT5 RNA-seq data are presented for the same tissues.



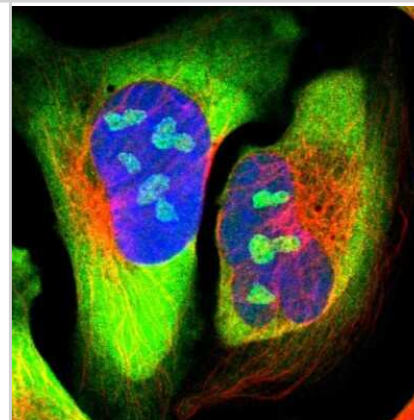
Western Blot: CCT5 Antibody [NBP1-83042] - Analysis using Anti-CCT5 antibody NBP1-83042 (A) shows similar pattern to independent antibody NBP1-83043 (B).



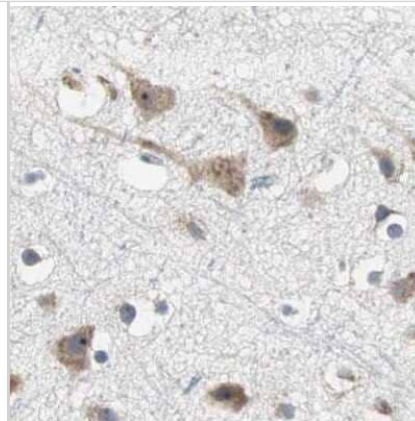
Immunohistochemistry-Paraffin: CCT5 Antibody [NBP1-83042] - Staining of human cerebral cortex, colon, liver and testis using Anti-CCT5 antibody NBP1-83042 (A) shows similar protein distribution across tissues to independent antibody NBP1-83043 (B).



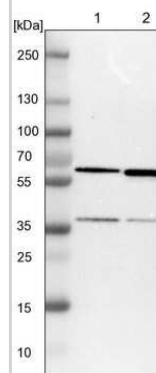
Immunocytochemistry/Immunofluorescence: CCT5 Antibody [NBP1-83042] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoli & cytosol.



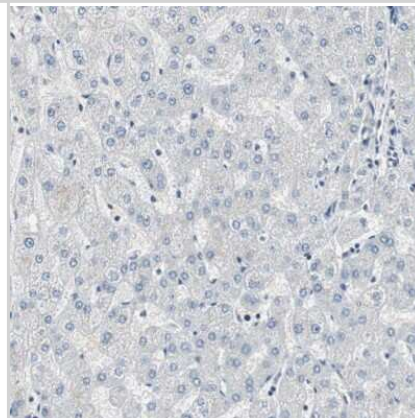
Immunohistochemistry-Paraffin: CCT5 Antibody [NBP1-83042] - Staining of human cerebral cortex.



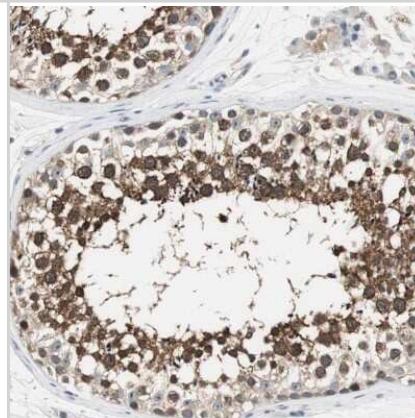
Western Blot: CCT5 Antibody [NBP1-83042] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



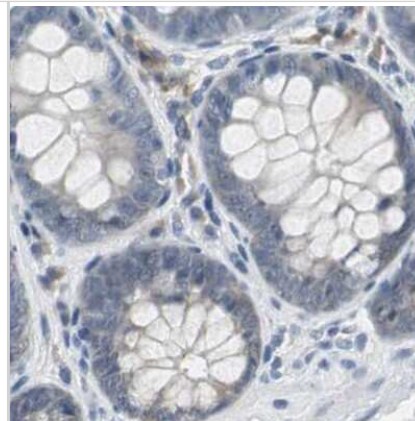
Immunohistochemistry-Paraffin: CCT5 Antibody [NBP1-83042] - Staining of human liver shows low expression as expected.



Immunohistochemistry-Paraffin: CCT5 Antibody [NBP1-83042] - Staining of human testis shows high expression.



Immunohistochemistry-Paraffin: CCT5 Antibody [NBP1-83042] - Staining of human colon.



## Publications

Gao Hongjun, Zheng Min, Sun Sijin et al. Chaperonin containing TCP1 subunit 5 is a tumor associated antigen of non-small cell lung cancer. *Oncotarget* 2017-09-08 [PMID: 28969060] (IF/IHC, Human)



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### **Products Related to NBP1-83042**

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NBP1-83042PEP	CCT5 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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### **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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