

# Product Datasheet

## TCP1-beta Antibody - BSA Free

### NBP1-88146

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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**NBP1-88146**

TCP1-beta 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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

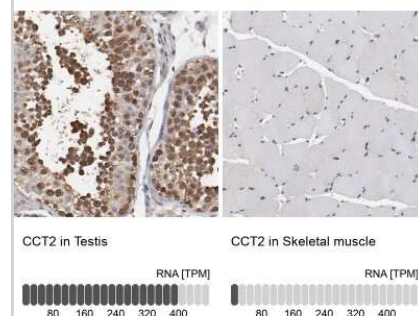
<b>Host</b>	Rabbit
<b>Gene ID</b>	10576
<b>Gene Symbol</b>	CCT2
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: VNQPKRIENAKILANTGMDTDKIKIFGSRVRVDSTAKVAEIEHAEKEKMKEKVE RILKHGINCFINRQLIYNYPEQLFGAAGVMAIEHADDFAGVERLALVTGGEIASTFD HPELVKLGSKLIEEVMIGEDKLIHFSGV

**Product Application Details**

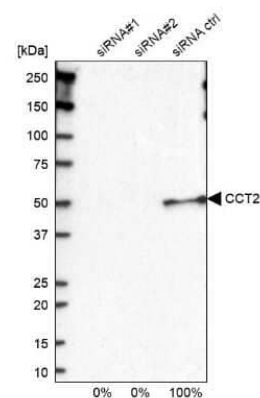
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

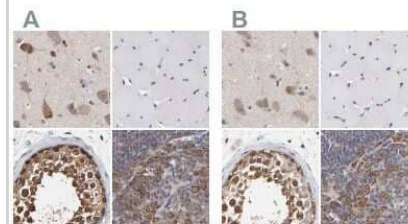
Immunohistochemistry-Paraffin: TCP1-beta Antibody [NBP1-88146] - Staining in human testis and skeletal muscle tissues using anti-CCT2 antibody. Corresponding CCT2 RNA-seq data are presented for the same tissues.



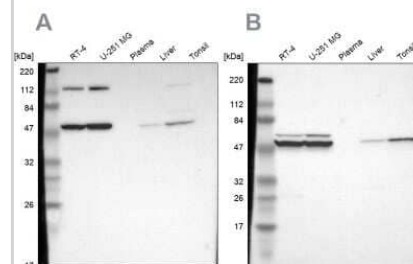
Western Blot: TCP1-beta Antibody [NBP1-88146] - Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2, using anti-CCT2 antibody. Remaining relative intensity is presented.



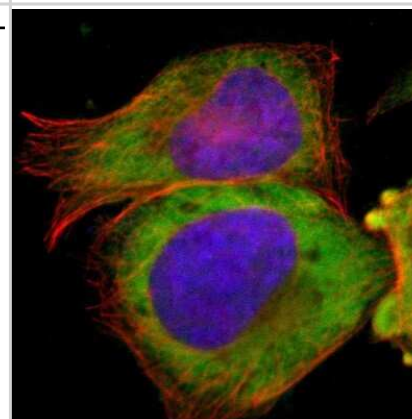
Immunohistochemistry-Paraffin: TCP1-beta Antibody [NBP1-88146] - Staining of human cerebral cortex, skeletal muscle, testis and tonsil using Anti-CCT2 antibody NBP1-88146 (A) shows similar protein distribution across tissues to independent antibody NBP1-88147 (B).



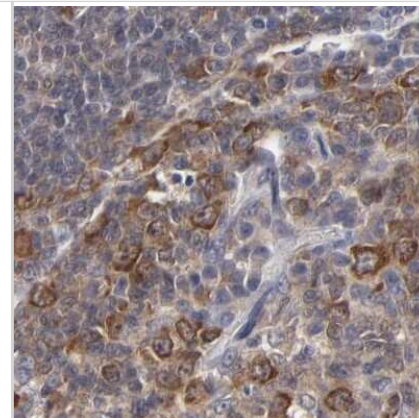
Western Blot: TCP1-beta Antibody [NBP1-88146] - Analysis using Anti-CCT2 antibody NBP1-88146 (A) shows similar pattern to independent antibody NBP1-88147 (B).



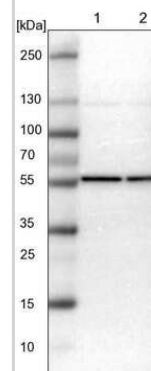
Immunocytochemistry/Immunofluorescence: TCP1-beta Antibody [NBP1-88146] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol.



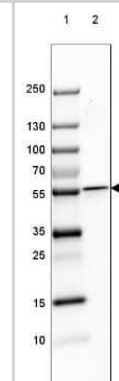
Immunohistochemistry-Paraffin: TCP1-beta Antibody [NBP1-88146] - Staining of human tonsil.



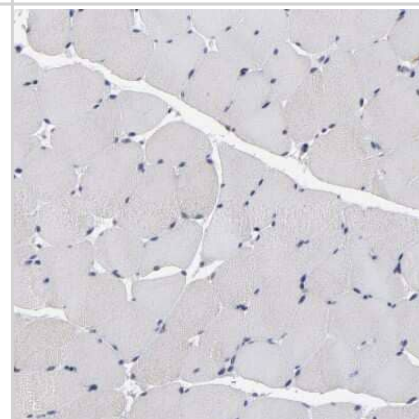
Western Blot: TCP1-beta Antibody [NBP1-88146] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



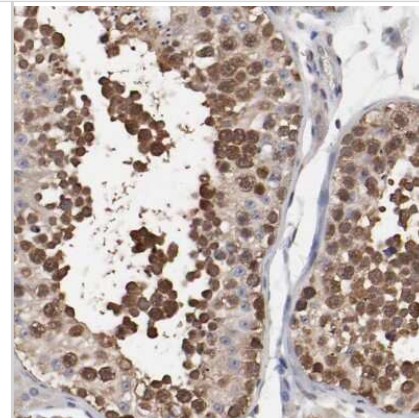
Western Blot: TCP1-beta Antibody [NBP1-88146] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10  
Lane 2: Human Cerebral Cortex tissue



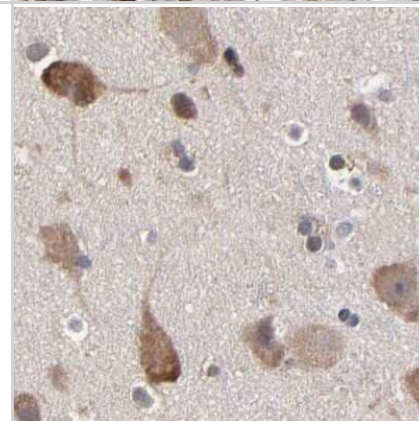
Immunohistochemistry-Paraffin: TCP1-beta Antibody [NBP1-88146] - Staining of human skeletal muscle shows low expression as expected.



Immunohistochemistry-Paraffin: TCP1-beta Antibody [NBP1-88146] - Staining of human testis shows high expression.



Immunohistochemistry-Paraffin: TCP1-beta Antibody [NBP1-88146] - Staining of human cerebral cortex.





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### **Products Related to NBP1-88146**

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NBP1-88146PEP	TCP1-beta 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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### **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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