

Product Datasheet

TCP1-eta Antibody - BSA Free

NBP1-88144

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: 3

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Updated 9/9/2025 v.20.1

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NBP1-88144

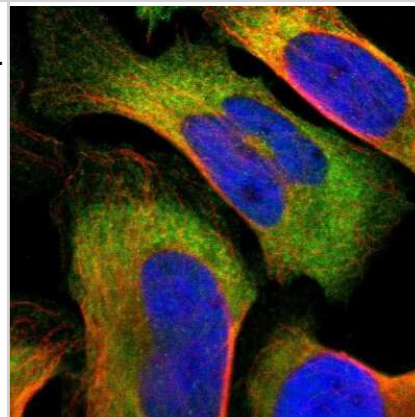
TCP1-eta Antibody - BSA Free

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	
Description	Novus Biologicals Rabbit TCP1-eta Antibody - BSA Free (NBP1-88144) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TCP1-eta Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10574
Gene Symbol	CCT7
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24213632)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ELKAEKDNAEIRVHTVEDYQAIVDAEWNILYDKLEKIHHSAGKVVLSKLPIGDVA TQYFADRDMFCAGRVPPEEDLKRTMMACGGSIQTSVNALSADVLGRQCQVFEET QIGGERYNFFTGCPKAKTCTFILRGGAEQFMEETE
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

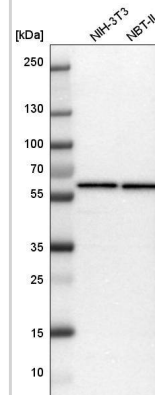


Images

Immunocytochemistry/Immunofluorescence: TCP1-eta Antibody [NBP1-88144] - Staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



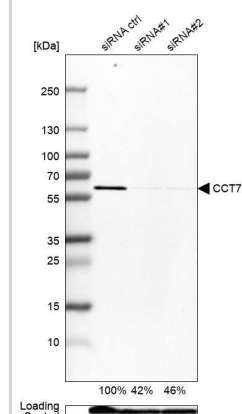
Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Staining of human duodenum shows strong cytoplasmic positivity in glandular cells.



Analysis in Caco-2 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-CCT7 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Publications

Hotta T, McAlear TS, Yue Y et al. EML2-S constitutes a new class of proteins that recognizes and regulates the dynamics of tyrosinated microtubules Current biology : CB 2022-08-06 [PMID: 35963242]

Erdmann J, Stark K, Esslinger UB et al. Dysfunctional nitric oxide signalling increases risk of myocardial infarction. Nature 2013-12-19 [PMID: 24213632]

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. J Proteomics 2012-04-03 [PMID: 22361696]





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Products Related to NBP1-88144

NBP1-88144PEP	TCP1-eta 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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