

Product Datasheet

TCP1 alpha Antibody NB100-1400

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1400

TCP1 alpha Antibody

Product Information

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description

Host	Goat
Gene ID	6950
Gene Symbol	TCP1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms.
Immunogen	Peptide with sequence C-SYEDAVHSGALND corresponding to C-Terminus according to NP_110379.2, NP_001008897.1.

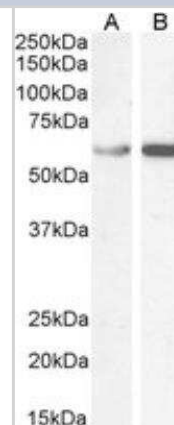
Product Application Details

Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Flow Cytometry 10 ug/mL, Immunohistochemistry 1 - 2 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 1 - 2 ug/mL, Peptide ELISA Detection limit 1:32000

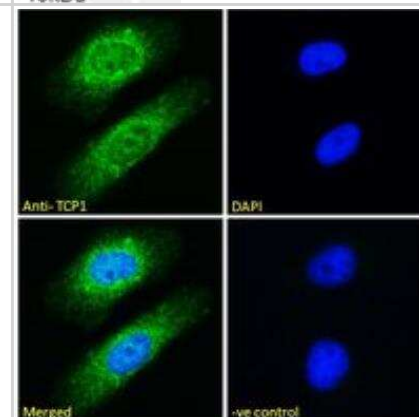


Images

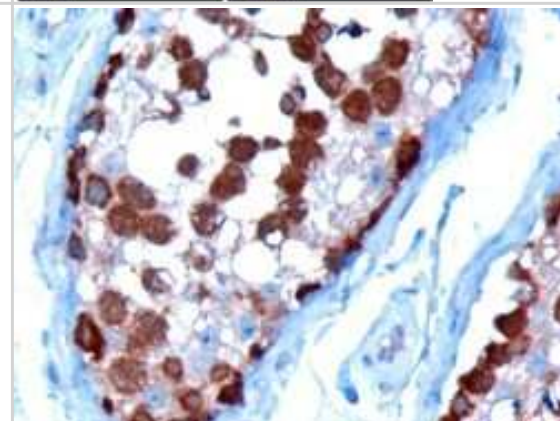
Western Blot: TCP1 alpha Antibody [NB100-1400] - Staining of Human Ovary (A) lysate and HEK293 (B) cell lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.



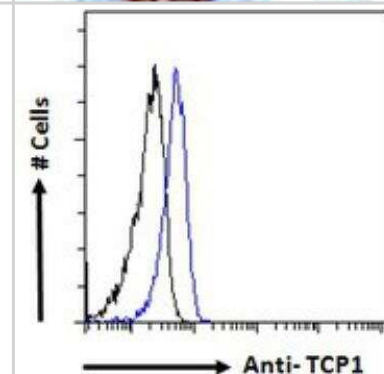
Immunocytochemistry/Immunofluorescence: TCP1 alpha Antibody [NB100-1400] - Analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunohistochemistry-Paraffin: TCP1 alpha Antibody [NB100-1400] - Staining of paraffin embedded Human Testis. Antibody at 10 ug/mL. Microwaved antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.



Flow Cytometry: TCP1 alpha Antibody [NB100-1400] - Analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Yaffe MB, Farr GW, Miklos D et al. TCP1 complex is a molecular chaperone in tubulin biogenesis. Nature 1992-07-16 [PMID: 1630491]



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Products Related to NB100-1400

NB820-59266	Human Testis Whole Tissue Lysate (Adult Whole Normal)
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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