

Product Datasheet

NTH1 Antibody (22H10) - BSA Free NBP3-26456-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-26456-100ul

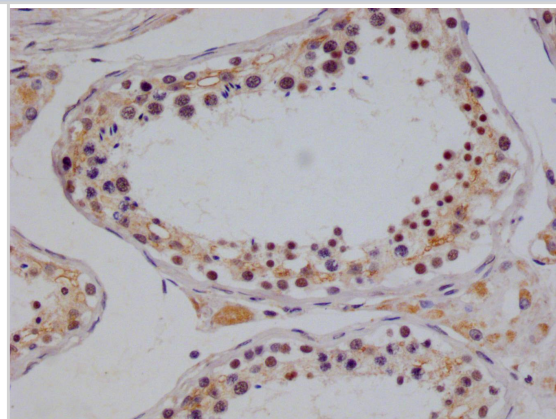
NTH1 Antibody (22H10) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	22H10
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
Product Description	
Host	Rabbit
Gene ID	4913
Gene Symbol	NTHL1
Species	Human
Immunogen	A synthesized peptide derived from Human NTH1 [UniProt P78549]
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:200, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200



Images

Immunohistochemistry: NTH1 Antibody (22H10) [NBP3-26456] - Image of NTH1 Antibody (22H10) diluted at 1:100 and staining in paraffin-embedded human testis tissue performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



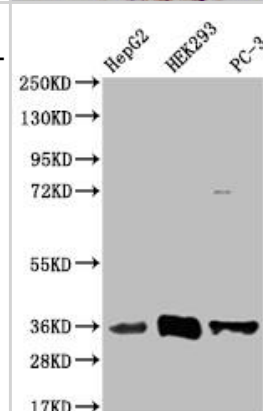
Western Blot: NTH1 Antibody (22H10) [NBP3-26456] - Positive Western Blot detected in: HepG2 whole cell lysate, HEK293 whole cell lysate, PC-3 whole cell lysate.

All lanes: NTH1 Antibody at 1: 1000

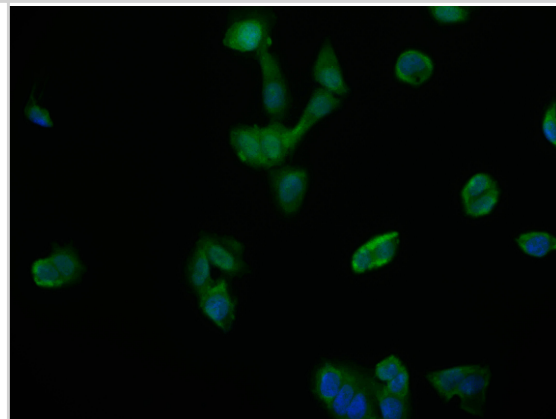
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 35, 34, 33 kDa

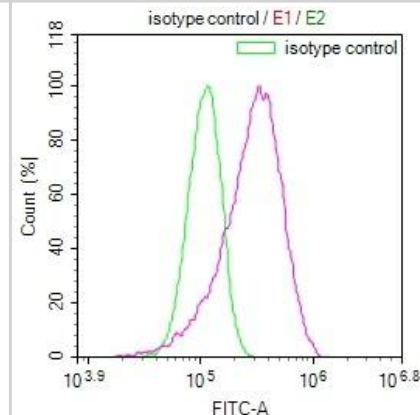
Observed band size: 35 kDa



Immunocytochemistry/Immunofluorescence: NTH1 Antibody (22H10) [NBP3-26456] - Staining of PC-3 cell with NTH1 Antibody (22H10) at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 604-conjugated Goat Anti-Rabbit IgG (H+L).



Flow Cytometry: NTH1 Antibody (22H10) [NBP3-26456] - Overlay Peak curve showing HepG2 cells stained with NTH1 Antibody (22H10) (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% Triton X-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶ cells) for 45min at 4C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4C. Control antibody (green line) was rabbit IgG (1ug/1*10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.





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Products Related to NBP3-26456-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72459-50ug	Recombinant Human NTH1 His Protein

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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