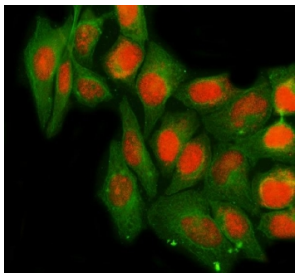
NTH1 Antibody / Endonuclease III-like protein 1 / NTHL1 (RQ8299)

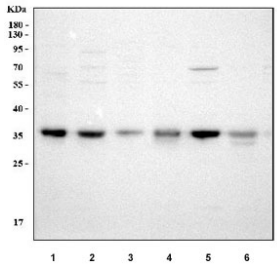
Catalog No.	Formulation	Size
RQ8299	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

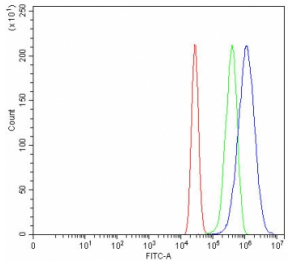
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P78549
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This NTH1 antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with NTH1 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) 293T, 2) HeLa, 3) K562, 4) MCF7, 5) HepG2 and 6) A549 cell lysate with NTH1 antibody. Predicted molecular weight ~34 kDa (multiple isoforms).



Flow cytometry testing of fixed and permeabilized human MCF7 cells with NTH1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NTH1 antibody.

Description

Endonuclease III-like protein 1 is an enzyme that in humans is encoded by the NTHL1 gene. The protein encoded by this gene is a DNA N-glycosylase of the endonuclease III family. Like a similar protein in E. coli, the encoded protein has DNA glycosylase activity on DNA substrates containing oxidized pyrimidine residues and has apurinic/apyrimidinic lyase activity.

Application Notes

Optimal dilution of the NTH1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (H52-L312) was used as the immunogen for the NTH1 antibody.

Storage

After reconstitution, the NTH1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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