

Rabbit anti-Human NTH1 Monoclonal Antibody | anti-NTH1 antibody

NTH1 Rabbit mAb

CATALOG # AAA269407	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

NTH1; Monoclonal Antibody; NTH1 Rabbit mAb; FAP3; OCTS3; hNTH1; anti-NTH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	R08-8E9
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Applicable Applications for anti-NTH1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human NTH1
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of NTH1 in K562, Hela lysates using NTH1 antibody.


ICC (Immunocytochemistry)

Immunocytochemistry analysis of NTH1 (green) in Hela using NTH1 antibody, and DAPI (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-NTH1 antibody	Bifunctional DNA N-glycosylase with associated apurinic/apyrimidinic (AP) lyase function that catalyzes the first step in base excision repair (BER), the primary repair pathway for the repair of oxidative DNA damage. The DNA N-glycosylase activity releases the damaged DNA base from DNA by cleaving the N-glycosidic bond, leaving an AP site. The AP-lyase activity cleaves the phosphodiester bond 3' to the AP site by a beta-elimination. Primarily recognizes and repairs oxidative base damage of pyrimidines. Has also 8-oxo-7,8-dihydroguanine (8-oxoG) DNA glycosylase activity. Acts preferentially on DNA damage opposite guanine residues in DNA. Is able to process lesions in nucleosomes without requiring or inducing nucleosome disruption
Product Categories/Family for anti-NTH1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505471
NCBI GeneID	4913
NCBI Accession #	NP_002519.1
NCBI GenBank Nucleotide #	NM_002528.5
UniProt Accession #	P78549; Q1MVR1; Q99566; Q99794; Q9BPX2
Molecular Weight	32,839 Da
NCBI Official Full Name	endonuclease III-like protein 1
NCBI Official Synonym Full Names	nth endonuclease III-like 1 (E. coli)
NCBI Official Symbol	NTHL1
NCBI Official Synonym Symbols	NTH1; OCTS3; hNTH1
NCBI Protein Information	endonuclease III-like protein 1; DNA glycosylase/AP lyase; NTHL1; bifunctional DNA N-glycosylase/DNA-(apurinic or apyrimidinic site) lyase
UniProt Protein Name	Endonuclease III-like protein 1
UniProt Gene Name	NTHL1
UniProt Synonym Gene Names	hNTH1
UniProt Entry Name	NTH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nth1-antibody-clone-r08-8e9-immunofluorescence-immunocytochemistry-western-blot-elisa/269407>