

NTH1 Rabbit mAb

Catalog No: #52473



Package Size: #52473-1 50ul #52473-2 100ul

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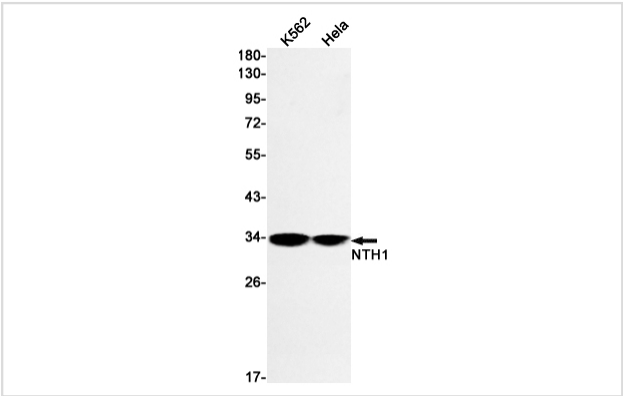
Description

Product Name	NTH1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-8E9
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human NTH1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	FAP3; NTH1; OCTS3; hNTH1
Accession No.	Swiss-Prot:P78549GenelD:4913
Uniprot	P78549
GenelD	4913
Calculated MW	Calculated MW: 34 kDa; Observed MW: 34 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000;

Images



Western blot detection of NTH1 in K562,HeLa cell lysates using NTH1 Rabbit mAb(1:1000 diluted).Predicted band size:34kDa.Observed band size:34kDa.

Background

Swiss-Prot Acc.P78549.Bifunctional DNA N-glycosylase with associated apurinic/aprimidinic (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.

Note: This product is for in vitro research use only