

anti- NTHL1 antibody

Product Information

Catalog No.:	FNab05883
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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.

Immunogen information

Immunogen:	nth endonuclease III-like 1(E. coli)
Synonyms:	NTH1, OCTS3
Observed MW:	34 kDa
Uniprot ID :	P78549

Application

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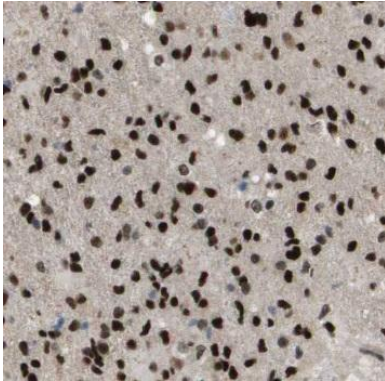
www.fn-test.com

Reactivity: Human, Mouse, Rat

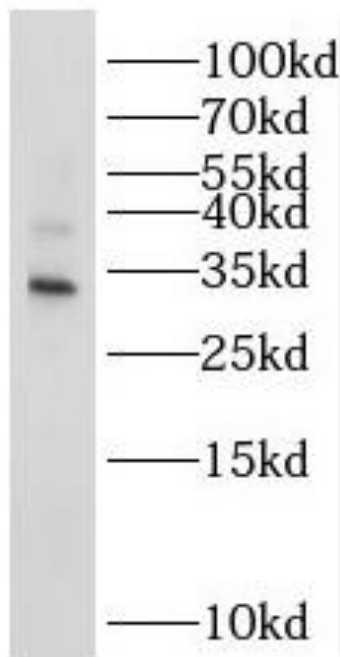
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human gliomas using FNab05883(NTHL1 antibody) at dilution of 1:50



Y79 cells were subjected to SDS PAGE followed by western blot with FNab05883(NTHL1 antibody) at dilution of 1:1000

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