9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Nth Like DNA Glycosylase 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1344

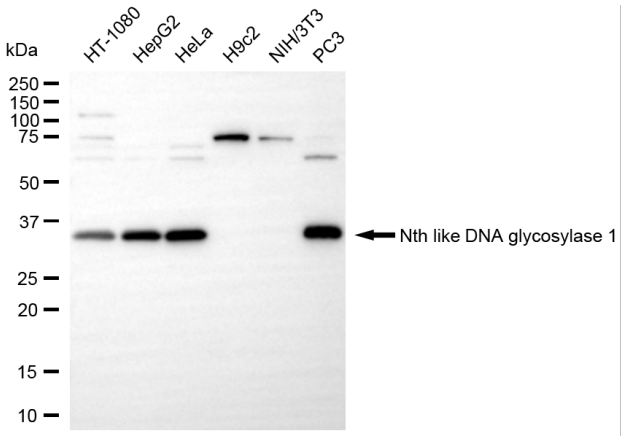
Product Overview

Name	KD-Validated Anti-Nth Like DNA Glycosylase 1 Rabbit Monoclonal Antibody
Accession(Primary)	P78549
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human NTH1
Species Reactivity	Human
Calculated MW	Predicted, 34 kDa; observed, 34 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (P78549)

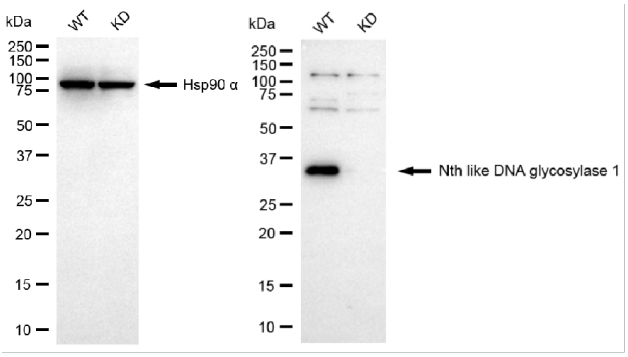
Gene Name	NTHL1
About Gene Symbol	NTHL1 (Nth Like DNA Glycosylase 1) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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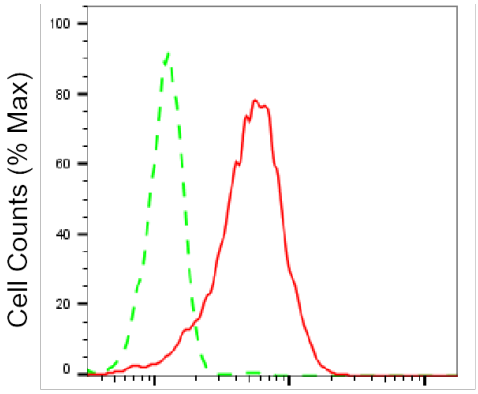
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Western blotting analysis using anti-nth like DNA glycosylase 1 antibody (Cat#ABG1344). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-nth like DNA glycosylase 1 antibody (Cat#ABG1344, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-nth like DNA glycosylase 1 antibody (Cat#ABG1344). Nth like DNA glycosylase 1 expression in wild-type (WT) and nth like DNA glycosylase 1 (NTHL1) knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-nth like DNA glycosylase 1 antibody (Cat#ABG1344, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

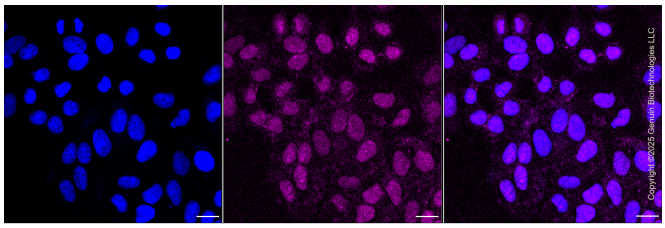


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Nth like DNA glycosylase 1-Alexa Fluor® 647

Flow cytometric analysis of Nth like DNA glycosylase 1 expression in HepG2 cells using anti-Nth like DNA glycosylase 1c antibody (Cat#ABG1344, 1:2,000). Green, isotype control; red, Nth like DNA glycosylase 1.

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Immunocytochemical staining of Nth like DNA glycosylase 1 cells with Nth like DNA glycosylase 1antibody (Cat#ABG1344, 1:1,000). Nuclei were stained blue with DAPI; Nth like DNA glycosylase 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.