

# NTHL1 Antibody (Center R103)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP11554c

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P78549</a>
<b>Other Accession</b>	<a href="#">NP_002519.1</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB17473
<b>Antigen Region</b>	88-117

## Additional Information

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<b>Other Names</b>	Endonuclease III-like protein 1 {ECO:0000255 HAMAP-Rule:MF_03183}, hNTH1, 322- {ECO:0000255 HAMAP-Rule:MF_03183}, 429918 {ECO:0000255 HAMAP-Rule:MF_03183}, Bifunctional DNA N-glycosylase/DNA-(apurinic or apyrimidinic site) lyase {ECO:0000255 HAMAP-Rule:MF_03183}, DNA glycosylase/AP lyase {ECO:0000255 HAMAP-Rule:MF_03183}, NTHL1 {ECO:0000255 HAMAP-Rule:MF_03183}, NTH1, OCTS3
<b>Target/Specificity</b>	This NTHL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 88-117 amino acids from the Central region of human NTHL1.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	NTHL1 Antibody (Center R103) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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## Background

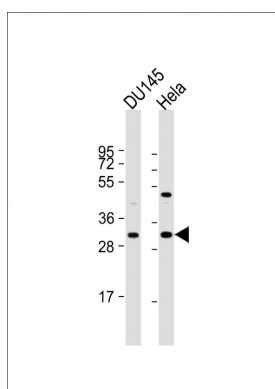
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The protein encoded by this gene is a DNA N-glycosylase of the endonuclease III family. Like a similar protein in *E. coli*, the encoded protein has DNA glycosylase activity on DNA substrates containing oxidized pyrimidine residues and has apurinic/apyrimidinic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

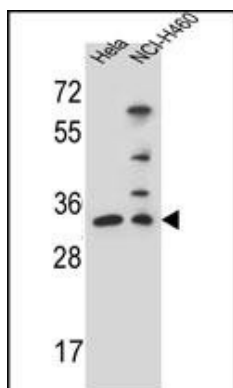
## References

Wang, W., et al. *Nucleic Acids Res.* (2010) In press :  
Arora, M., et al. *Leukemia* 24(8):1470-1475(2010)  
Thyagarajan, B., et al. *Biol. Blood Marrow Transplant.* 16(8):1084-1089(2010)  
Briggs, F.B., et al. *Am. J. Epidemiol.* 172(2):217-224(2010)  
Goto, M., et al. *Carcinogenesis* 30(8):1345-1352(2009)

## Images



All lanes : Anti-NTHL1 Antibody (Center R103) at 1:1000 dilution  
Lane 1: DU145 whole cell lysate  
Lane 2: HeLa whole cell lysate  
Lysates/proteins at 20 µg per lane.  
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 34 kDa  
Blocking/Dilution buffer: 5% NFDM/TBST.



NTHL1 Antibody (Center R103) (Cat. #AP11554c) western blot analysis in HeLa, NCI-H460 cell line lysates (35 µg/lane). This demonstrates the NTHL1 antibody detected the NTHL1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.