

NUDT9 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12240b

Specification

NUDT9 Antibody (C-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	O9BW91
Other Accession	NP_932155.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	39125
Antigen Region	318-346

NUDT9 Antibody (C-term) - Additional Information

Gene ID 53343

Other Names

ADP-ribose pyrophosphatase, mitochondrial, ADP-ribose diphosphatase, ADP-ribose phosphohydrolase, Adenosine diphosphoribose pyrophosphatase, ADPR-PPase, Nucleoside diphosphate-linked moiety X motif 9, Nudix motif 9, NUDT9, NUDT10

Target/Specificity

This NUDT9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 318-346 amino acids from the C-terminal region of human NUDT9.

Dilution

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

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.

Storage

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.

Precautions

NUDT9 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NUDT9 Antibody (C-term) - Protein Information

Name NUDT9

Synonyms NUDT10

Function Hydrolyzes ADP-ribose (ADPR) to AMP and ribose 5'-phosphate (PubMed:[11385575](#), PubMed:[37343711](#)). Has also a weak phosphohydrolase activity against NADH and FAD (in vitro) (PubMed:[37343711](#)).

Cellular Location

[Isoform 1]: Mitochondrion

Tissue Location

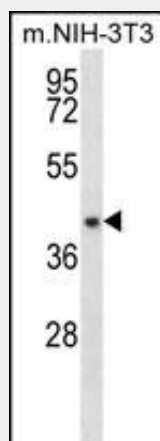
Ubiquitously expressed but isoform 1 is the most predominant isoform.

NUDT9 Antibody (C-term) - Protocols

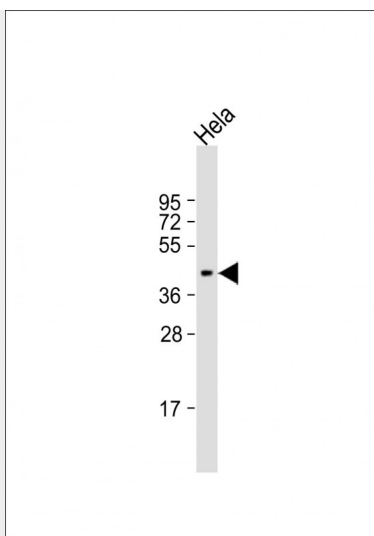
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

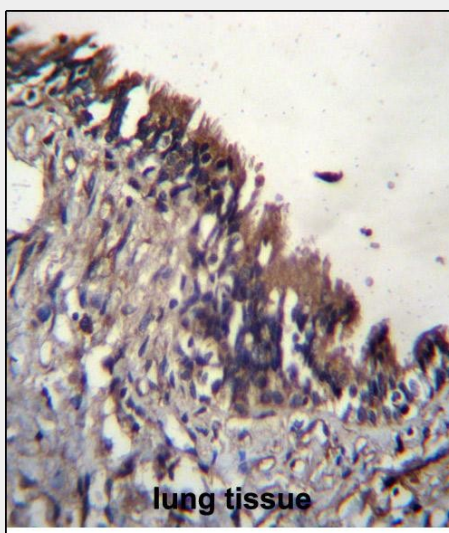
NUDT9 Antibody (C-term) - Images



NUDT9 Antibody (C-term) (Cat. #AP12240b) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the NUDT9 antibody detected the NUDT9 protein (arrow).



Anti-NUDT9 Antibody (C-term) at 1:1000 dilution + 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 : 39 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



NUDT9 Antibody (C-term) (Cat. #AP12240b) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of NUDT9 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

NUDT9 Antibody (C-term) - Background

NUDT9 hydrolyzes ADP-ribose (ADPR) to AMP and ribose 5'-phosphate.

NUDT9 Antibody (C-term) - References

- Chen, L.Y., et al. Taiwan J Obstet Gynecol 48(2):96-107(2009)
- Carloto, A., et al. Biochim. Biophys. Acta 1760(10):1545-1551(2006)
- Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)
- Shen, B.W., et al. J. Mol. Biol. 332(2):385-398(2003)
- Zhang, H.T., et al. Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao 35(8):747-751(2003)