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NUDT9 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12240b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9BW91
Other Accession	NP_932155.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31972
Calculated MW	39125
Antigen Region	318-346

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	WB~~1:1000 IHC-P~~1:100~500 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.

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.

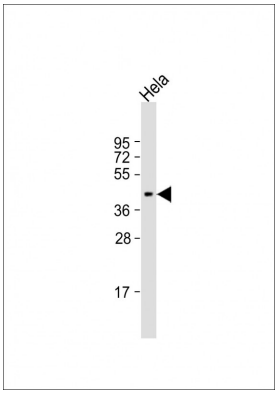
Background

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

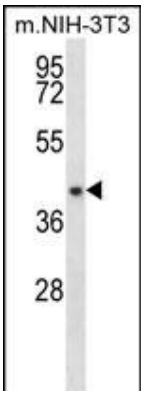
References

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Images

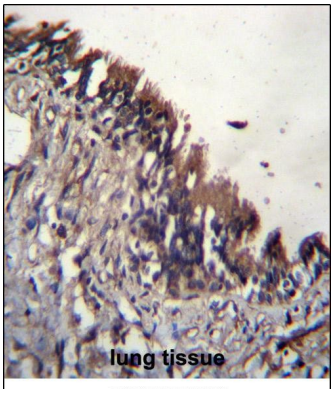


Anti-NUDT9 Antibody (C-term) at 1:1000 dilution + Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 39 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



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

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.



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