

KD-Validated Anti-NUDT9 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI2260

Specification

KD-Validated Anti-NUDT9 Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	Q9BW91
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 39 kDa; observed, 39 kDa kDa
Gene Name	NUDT9
Aliases	NUDT9; Nudix Hydrolase 9; Nudix (Nucleoside Diphosphate Linked Moiety X)-Type Motif 9; ADP-Ribose Pyrophosphatase, Mitochondrial; Adenosine Diphosphoribose Pyrophosphatase; ADP-Ribose Phosphohydrolase; ADP-Ribose Diphosphatase; ADPR-PPase; MGC3037; NUDT10; Nucleoside Diphosphate Linked Moiety X-Type Motif 9; Nucleoside Diphosphate-Linked Moiety X Motif 9; ADP-Ribose Pyrophosphatase NUDT9; Nudix Motif 9; EC 3.6.1.13
Immunogen	A synthesized peptide derived from human NUDT9

KD-Validated Anti-NUDT9 Rabbit Monoclonal Antibody - Additional Information

Gene ID	53343
Other Names	ADP-ribose pyrophosphatase, mitochondrial, 3.6.1.13, ADP-ribose diphosphatase, ADP-ribose phosphohydrolase, Adenosine diphosphoribose pyrophosphatase, ADPR-PPase, Nucleoside diphosphate-linked moiety X motif 9, Nudix motif 9, NUDT9, NUDT10

KD-Validated Anti-NUDT9 Rabbit Monoclonal Antibody - Protein Information

Name NUDT9

Synonyms NUDT10

Function

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

href="http://www.uniprot.org/citations/37343711" target="_blank">37343711).

Cellular Location

[Isoform 1]: Mitochondrion

Tissue Location

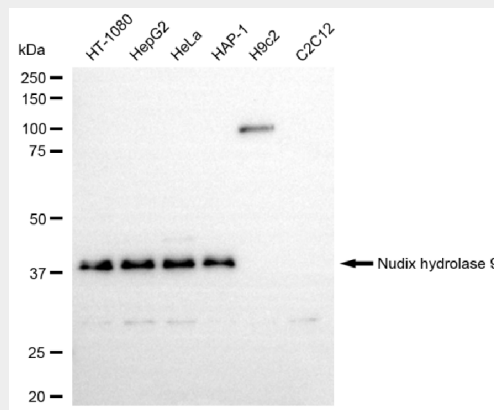
Ubiquitously expressed but isoform 1 is the most predominant isoform.

KD-Validated Anti-NUDT9 Rabbit Monoclonal Antibody - Protocols

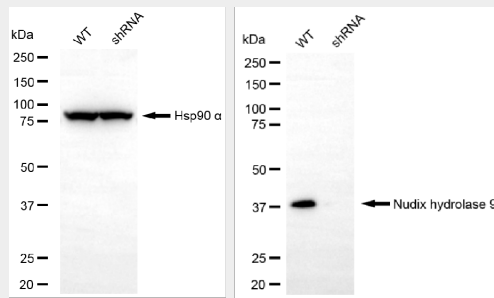
Provided below are standard protocols that you may find useful for product applications.

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

KD-Validated Anti-NUDT9 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-nudix hydrolase 9 antibody (Cat#AGI2260). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-nudix hydrolase 9 antibody (Cat#AGI2260, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-nudix hydrolase 9 antibody (Cat#AGI2260). Nudix hydrolase 9 expression in wild-type (WT) and nudix hydrolase 9 (NUDT9) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with

anti-nudix hydrolase 9 antibody (Cat#AGI2260, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.