

**NUDT8 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP10560a****Specification**

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**NUDT8 Antibody (N-term) - Product Information**

Application	FC, WB, IHC-P,E
Primary Accession	<a href="#">Q8WV74</a>
Other Accession	<a href="#">NP_862826.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	25370
Antigen Region	42-70

**NUDT8 Antibody (N-term) - Additional Information****Gene ID** 254552**Other Names**

Nucleoside diphosphate-linked moiety X motif 8, mitochondrial, Nudix motif 8, 361-, NUDT8

**Target/Specificity**

This NUDT8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 42-70 amino acids from the N-terminal region of human NUDT8.

**Dilution**

FC~~1:10~50

WB~~1:1000

IHC-P~~1:50~100

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**

NUDT8 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**NUDT8 Antibody (N-term) - Protein Information****Name** NUDT8

**Function** Acyl-CoA diphosphatase that mediates the hydrolysis of a wide range of CoA and CoA esters yielding 3',5'-ADP and the corresponding 4'-phosphopantetheine derivative as products (By similarity). Hydrolyzes short- and medium-chain acyl-CoAs, exhibiting the highest activity toward free CoA, hexanoyl-CoA, and octanoyl-CoA and the lowest activity against acetyl-CoA (By similarity). Exhibits decapping activity towards dpCoA-capped RNAs in vitro (By similarity).

**Cellular Location**

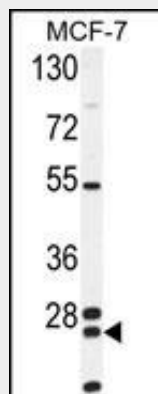
Mitochondrion {ECO:0000250|UniProtKB:Q9CR24}.

**NUDT8 Antibody (N-term) - Protocols**

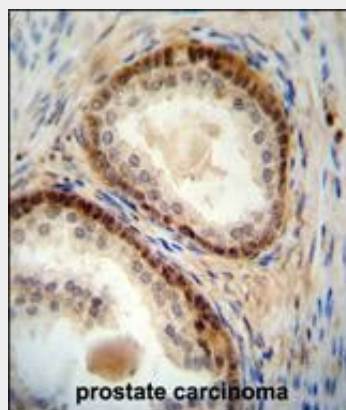
Provided below are standard protocols that you may find useful for product applications.

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

**NUDT8 Antibody (N-term) - Images**

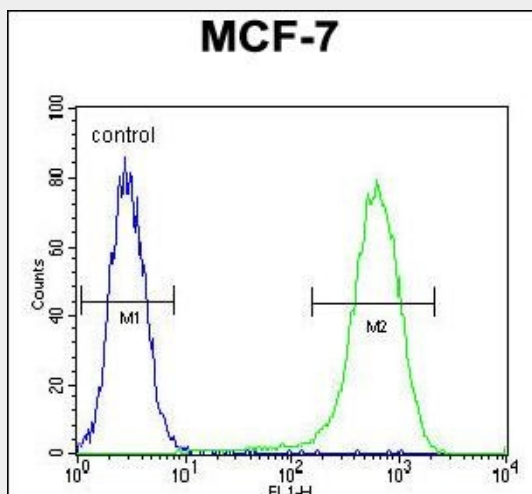


NUDT8 Antibody (N-term) (Cat. #AP10560a) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the NUDT8 antibody detected the NUDT8 protein (arrow).



NUDT8 antibody (N-term) (Cat. #AP10560a) immunohistochemistry analysis in formalin fixed and

paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NUDT8 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



NUDT8 Antibody (N-term) (Cat. #AP10560a) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **NUDT8 Antibody (N-term) - Background**

Probably mediates the hydrolysis of some nucleoside diphosphate derivatives (By similarity).

#### **NUDT8 Antibody (N-term) - References**

Gasmi, L., et al. Biochem. J. 357 (PT 1), 33-38 (2001) :