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NUDT8 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10560a

Specification

NUDT8 Antibody (N-term) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	Q8WV74
Other Accession	NP_862826.1
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
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

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).

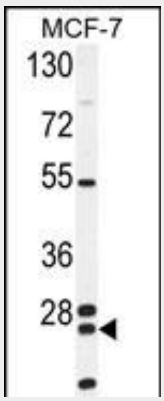
Cellular Location
Mitochondrion {ECO:0000250|UniProtKB:Q9CR24}.

NUDT8 Antibody (N-term) - Protocols

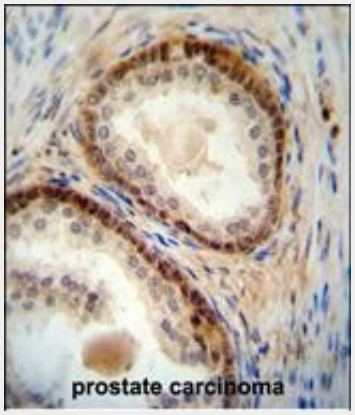
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NUDT8 Antibody (N-term) - Images



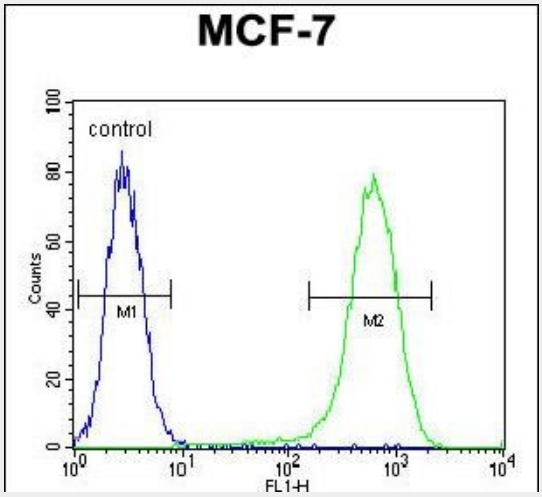
NUDT8 Antibody (N-term) (Cat. #AP10560a) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the NUDT8 antibody detected the NUDT8 protein (arrow).



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

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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) :