

NUDT19 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11496c**Specification**

NUDT19 Antibody (Center) - Product Information

Application	WB, FC,E
Primary Accession	A8MXV4
Other Accession	NP_001099040.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	42233
Antigen Region	153-181

NUDT19 Antibody (Center) - Additional Information**Gene ID** 390916**Other Names**

Nucleoside diphosphate-linked moiety X motif 19, mitochondrial, Nudix motif 19, 361-, NUDT19

Target/Specificity

This NUDT19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 153-181 amino acids from the Central region of human NUDT19.

Dilution

WB~~1:1000

FC~~1:10~50

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

NUDT19 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NUDT19 Antibody (Center) - Protein Information**Name** NUDT19

Function Fatty acyl-coenzyme A (CoA) diphosphatase that hydrolyzes fatty acyl-CoA to yield acyl-4'-phosphopantetheine and adenosine 3',5'- biphosphate (By similarity). Mediates the hydrolysis of a wide range of CoA esters, including choloyl-CoA and branched-chain fatty-acyl-CoA esters and at low substrate concentrations medium and long-chain fatty- acyl-CoA esters are the primary substrates (By similarity). Highest activity seen with medium-chain acyl-CoA esters and higher rates of activity seen with the unsaturated acyl-CoA esters compared with the saturated esters (By similarity). Exhibits decapping activity towards dpCoA-capped RNAs in vitro (By similarity).

Cellular Location

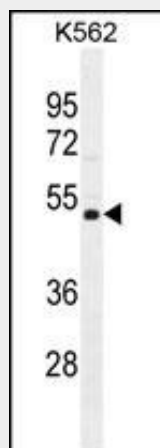
Peroxisome {ECO:0000250|UniProtKB:P11930}.

NUDT19 Antibody (Center) - Protocols

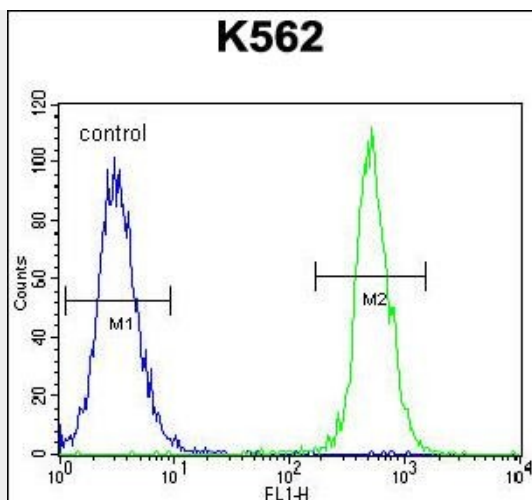
Provided below are standard protocols that you may find useful for product applications.

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

NUDT19 Antibody (Center) - Images



NUDT19 Antibody (Center) (Cat. #AP11496c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the NUDT19 antibody detected the NUDT19 protein (arrow).



NUDT19 Antibody (Center) (Cat. #AP11496c) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

NUDT19 Antibody (Center) - Background

Coenzyme A diphosphatase that mediates the hydrolysis of a wide range of CoA esters, including choloyl-CoA and branched-chain fatty-acyl-CoA esters. At low substrate concentrations medium and long-chain fatty-acyl-CoA esters are the primary substrates (By similarity).

NUDT19 Antibody (Center) - References

Ofman, R., et al. Biochem. J. 393 (PT 2), 537-543 (2006) :