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NUDT19 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15773

Product Information

Application	WB
Primary Accession	A8MXV4
Other Accession	NP_001099040
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42233

Additional Information

Gene ID	390916
Alias Symbol	NUDT19,
Other Names	Nucleoside diphosphate-linked moiety X motif 19, mitochondrial, Nudix motif 19, 3.6.1.-, NUDT19
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 &mu, l of distilled water. Final Anti-NUDT19 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	NUDT19 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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'- bisphosphate (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}.

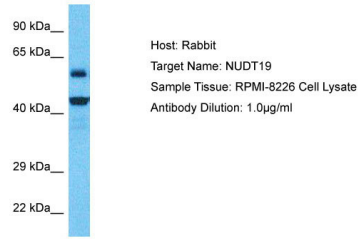
Background

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).

References

Grimwood J.,et al.Nature 428:529-535(2004).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



Host: Rabbit
Target Name: NUDT19
Sample Tissue: RPMI-8226 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.