

**NUDT19 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11496c****Specification**

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**NUDT19 Antibody (Center) Blocking peptide - Product Information**

Primary Accession [A8MXV4](#)

**NUDT19 Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 390916

**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**NUDT19 Antibody (Center) Blocking peptide - 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) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**NUDT19 Antibody (Center) Blocking peptide - Images****NUDT19 Antibody (Center) Blocking peptide - 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) Blocking peptide - References**

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