

NUDT2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16121c**Specification**

NUDT2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P50583](#)**NUDT2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 318**Other Names**

Bis(5'-nucleosyl)-tetrphosphatase [asymmetrical], Diadenosine 5', 5'''-P1, P4-tetrphosphate asymmetrical hydrolase, Ap4A hydrolase, Ap4Aase, Diadenosine tetrphosphatase, Nucleoside diphosphate-linked moiety X motif 2, Nudix motif 2, NUDT2, APAH1

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.

NUDT2 Antibody (Center) Blocking Peptide - Protein Information**Name** NUDT2**Synonyms** APAH1**Function**

Catalyzes the asymmetric hydrolysis of diadenosine 5',5'''- P1,P4-tetrphosphate (Ap4A) to yield AMP and ATP (By similarity). Exhibits decapping activity towards FAD-capped RNAs and dpCoA-capped RNAs in vitro (By similarity).

NUDT2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NUDT2 Antibody (Center) Blocking Peptide - Images**NUDT2 Antibody (Center) Blocking Peptide - Background**

This gene encodes a member of the MutT family of nucleotide pyrophosphatases, a subset of the larger NUDIX hydrolase family. The gene product possesses a modification of the MutT sequence motif found in certain nucleotide pyrophosphatases. The enzyme asymmetrically hydrolyzes Ap4A to yield AMP and ATP and is responsible for maintaining the intracellular level of the dinucleotide Ap4A, the function of which has yet to be established. This gene may be a candidate tumor suppressor gene. Alternative splicing has been observed at this locus and three transcript variants, all encoding the same protein, have been identified.

NUDT2 Antibody (Center) Blocking Peptide - References

Vasilenko, N., et al. Virol. J. 7, 31 (2010) :Swarbrick, J.D., et al. J. Biol. Chem. 280(9):8471-8481(2005)Swarbrick, J.D., et al. J. Biomol. NMR 31(2):181-182(2005)Pitcher, W.H. III, et al. Antiviral Res. 58(3):227-233(2003)Guranowski, A., et al. Acta Biochim. Pol. 50(1):123-130(2003)