

# NUDT2 rabbit monoclonal antibody

Catalog # H00000318-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human NUDT2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NUDT2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NUDT2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — NUDT2

Entrez GeneID	<a href="#">318</a>
GeneBank Accession#	<a href="#">NUDT2</a>
Gene Name	NUDT2
Gene Alias	APAH1, MGC10404
Gene Description	nudix (nucleoside diphosphate linked moiety X)-type motif 2
Omim ID	<a href="#">602852</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. [provided by RefSeq]
Other Designations	Ap4A hydrolase 1 Ap4Aase OTTHUMP00000021256 OTTHUMP00000021257 OTTHUMP00000021258 OTTHUMP00000021259 bis(5'-nucleosyl)-tetraphosphatase (asymmetrical) diadenosine 5',5''-P1,P4-tetraphosphate pyrophosphohydrolase diadenosine tetraphosphatase nudix-type motif

## Pathway

- [Purine metabolism](#)
- [Pyrimidine metabolism](#)