

## ARG58233 anti-NUDT2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes NUDT2
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NUDT2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-147 of Human NUDT2 (NP_001152.1).
Conjugation	Un-conjugated
Alternate Names	APAH1; Bis(5'-nucleosyl)-tetrphosphatase [asymmetrical]; EC 3.6.1.17; Diadenosine 5',5'''-P1,P4-tetrphosphate asymmetrical hydrolase; Ap4A hydrolase; Ap4Aase; Diadenosine tetrphosphatase; Nucleoside diphosphate-linked moiety X motif 2; Nudix motif 2

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat kidney	
Observed Size	17 kDa	

### Properties

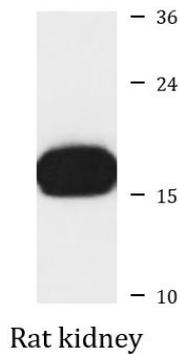
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	NUDT2
Gene Full Name	nudix (nucleoside diphosphate linked moiety X)-type motif 2
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 four transcript variants, all encoding the same protein, have been identified. [provided by RefSeq, Sep 2011]
Function	Asymmetrically hydrolyzes Ap4A to yield AMP and ATP. Plays a major role in maintaining homeostasis. [UniProt]
Calculated Mw	17 kDa

## Images



ARG58233 anti-NUDT2 antibody WB image

Western blot: 25 µg of Rat kidney lysate stained with ARG58233 anti-NUDT2 antibody at 1:1000 dilution.