

Datasheet for ABIN2789216  
**anti-NUDT2 antibody (Middle Region)**



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## Overview

Quantity:	100 µL
Target:	NUDT2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit, Zebrafish (Danio rerio), Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUDT2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Sequence:	ETALRETQEE AGIEAGQLTI IEGFKRELN Y VARNKPKTVI YWLAEVKD YD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 100%, Rat: 93%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against NUDT2. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	NUDT2
Alternative Name:	NUDT2 ( <a href="#">NUDT2 Products</a> )
Background:	This gene encodes a member of the MutT family of nucleotide pyrophosphatases, a subset of

## Target Details

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.

Alias Symbols: APAH1, MGC10404

Protein Interaction Partner: MCM6, UBC,

Protein Size: 147

Molecular Weight: 16 kDa

Gene ID: 318

NCBI Accession: [NM\\_147173](#), [NP\\_671702](#)

UniProt: [P50583](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 147 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Rabbit Anti-NUDT2 Antibody  
Catalog Number: ARP62697  
Lot Number: QC33300  
Lane: 293T Cell Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 10-20%

Western Blotting

Image 1.