

Datasheet for ABIN953782

## anti-NUDT2 antibody (Middle Region)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	0.4 mL
Target:	NUDT2
Binding Specificity:	AA 61-90, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUDT2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the central region between 61-90aa) of human NUDT2 / APAH1.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes NUDT2 / APAH1.
Cross-Reactivity (Details):	Species reactivity (tested): Human
Purification:	Purified through a Protein A column followed by peptide affinity purification

#### Target Details

Target:	NUDT2
Alternative Name:	NUDT2 / APAH1 ( <a href="#">NUDT2 Products</a> )

## Target Details

**Background:** The NUDT2 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. **Synonyms:** 5''-P1 P4-tetraphosphate asymmetrical hydrolase, Ap4A hydrolase, Ap4Aase, Bis(5'-nucleosyl)-tetraphosphatase, Diadenosine 5', Diadenosine tetraphosphatase, Nucleoside diphosphate-linked moiety X motif 2, Nudix motif 2

**Gene ID:** 318

**NCBI Accession:** [NP\\_001152](#)

## Application Details

**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** PBS with 0.09 % (W/V) Sodium azide

**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 freezing and thawing.



Western Blotting

**Image 1.** Western blot analysis of NUDT2 (arrow) using NUDT2 / APAH1 Antibody : 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NUDT2 gene.