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Datasheet for ABIN6144936
anti-NUDT2 antibody (AA 1-147)

2 Images

Overview

Quantity:	100 µL
Target:	NUDT2
Binding Specificity:	AA 1-147
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUDT2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-147 of human NUDT2 (NP_001152.1).
Sequence:	MALRACGLII FRRCLIPKVD NNAIEFLLLQ ASDGIHHWTP PKGHVEPGED DLETALRETQ EEAGIEAGQL TIEGFKREL NYVARNKPKT VIYWLAEVKD YDVEIRLSHE HQAYRWLGL EACQLAQFKE MKAALQEGHQ FLCSIEA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	NUDT2
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Target Details

Alternative Name: [NUDT2 \(NUDT2 Products\)](#)

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.,NUDT2,APAH1,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Apoptosis,NUDT2

Molecular Weight: 16 kDa

Gene ID: 318

UniProt: [P50583](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

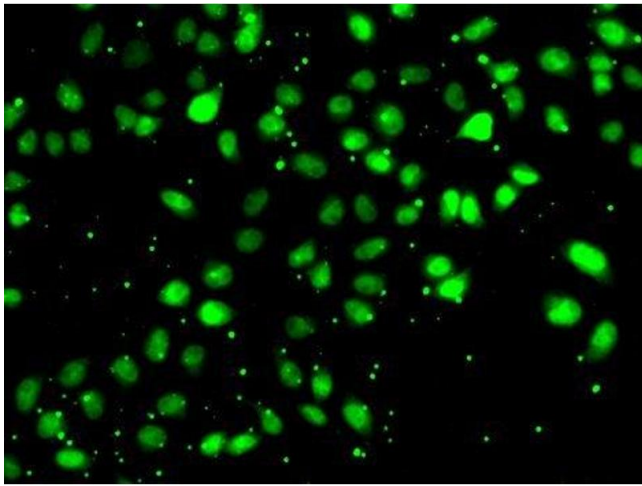
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

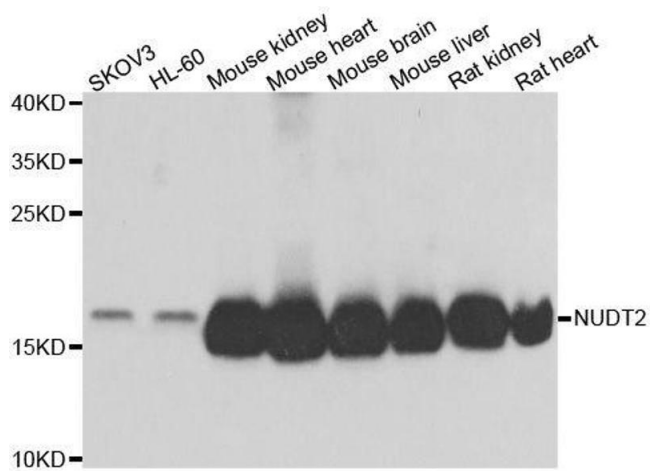
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using NUDT2 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NUDT2 antibody.