

## NUDT2 Antibody

Catalog No: #42947

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## Description

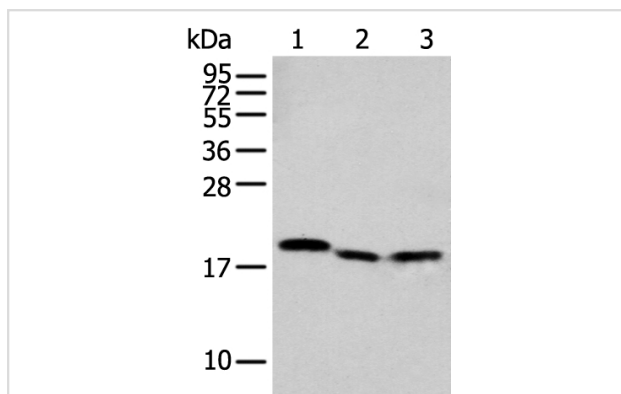
Product Name	NUDT2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total NUDT2 protein.
Immunogen Description	Full length fusion protein of human NUDT2
Target Name	NUDT2
Other Names	APAH1
Accession No.	Swiss-Prot#: P50583Gene ID: 318
Uniprot	P50583
GeneID	318;
Calculated MW	17kd
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:100-1:200

## Images



Gel: 12%SDS-PAGE

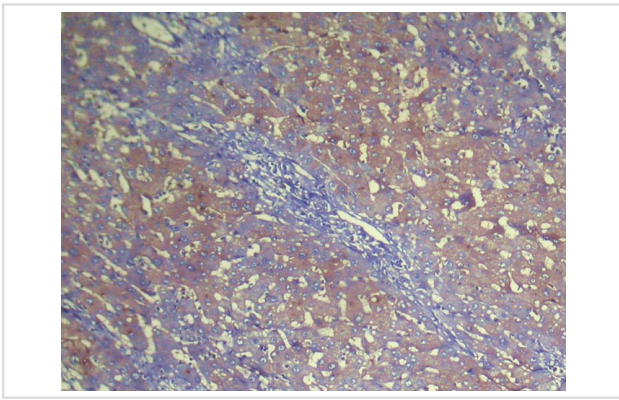
Lysate: 40 µg

Lane 1-3: Jurkat cell, Mouse liver tissue and spleen tissue

Primary antibody: 1/200 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



Immunohistochemical analysis of paraffin-embedded Human Liver cancer tissue using #42947 at dilution 1/100.

## 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.

Note: This product is for in vitro research use only