

## NUDT5 Antibody

Catalog No: #43474

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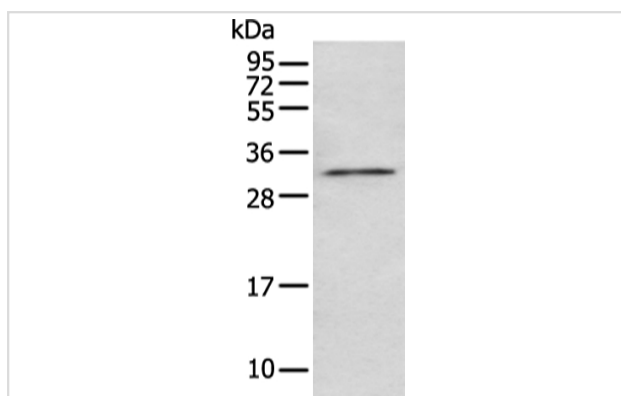
## Description

Product Name	NUDT5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NUDT5 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human NUDT5
Target Name	NUDT5
Other Names	YSA1; YSA1H; YSAH1; hYSAH1
Accession No.	Swiss-Prot#: Q9UUKK9Gene ID: 11164
Uniprot	Q9UUKK9
GeneID	11164;
Calculated MW	24kd
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

## Images



Gel: 12%SDS-PAGE

Lysate: 40 µg

Lane: A431 cell

Primary antibody: 1/200 dilution

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

Exposure time: 1 minute

## Background

This gene belongs to the Nudix (nucleoside diphosphate linked moiety X) hydrolase superfamily. The encoded enzyme catalyzes the hydrolysis of modified nucleoside diphosphates, including ADP-ribose (ADPR) and 8-oxoGua-containing 8-oxo-dADP and 8-oxo-dGDP. Protein-bound ADP ribose

can be hazardous to the cell because it can modify some amino acid residues, resulting in the inhibition of ATP-activated potassium channels.  
8-oxoGua is an oxidized form of guanine that can potentially alter genetic information by pairing with adenine and cytosine in RNA.

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Note: This product is for in vitro research use only