

NUDT19 Antibody

Catalog No: #43475

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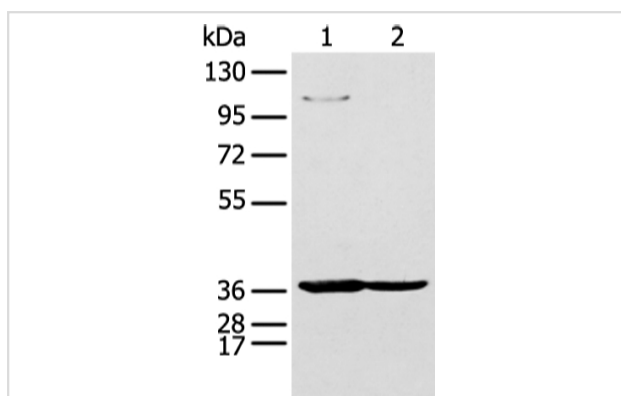
Description

Product Name	NUDT19 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NUDT19 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human NUDT19
Target Name	NUDT19
Other Names	RP2
Accession No.	Swiss-Prot#: A8MXV4Gene ID: 390916
Uniprot	A8MXV4
GeneID	390916;
Calculated MW	42kd
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Images



Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-2: 293T and K562 cell
 Primary antibody: 1/350 dilution
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
 Exposure time: 3 seconds

Background

NUDT19 (nudix (nucleoside diphosphate linked moiety X)-type motif 19), also known as RP2, is a 375 amino acid protein and coenzyme A diphosphatase that assists in the hydrolysis of CoA esters. A member of the nudix hydrolase family, NUDT19 contains one nudix hydrolase domain

and localizes to both mitochondria and peroxisome. NUDT19 utilizes magnesium and/or manganese as cofactors and is encoded by a gene that maps to human chromosome 19q13.11. Chromosome 19 consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes.

Note: This product is for in vitro research use only