10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NUDT9 Rabbit mAb

Catalog # AP75831

Product Information

Application	WB, IHC-P, FC
Primary Accession	Q9BW91
Reactivity	Rat, Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	39125

Additional Information

Gene ID	53343
Other Names	NUDT9
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:100-1:200
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

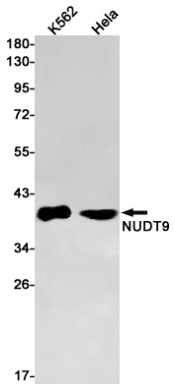
Protein Information

Name	NUDT9
Synonyms	NUDT10
Function	Hydrolyzes ADP-ribose (ADPR) to AMP and ribose 5'-phosphate (PubMed:11385575, PubMed:37343711). Has also a weak phosphohydrolase activity against NADH and FAD (in vitro) (PubMed:37343711).
Cellular Location	[Isoform 1]: Mitochondrion
Tissue Location	Ubiquitously expressed but isoform 1 is the most predominant isoform.

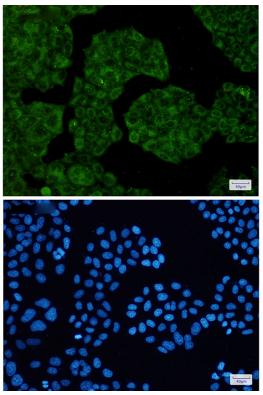
Background

Hydrolyzes ADP-ribose (ADPR) to AMP and ribose 5'-phosphate.

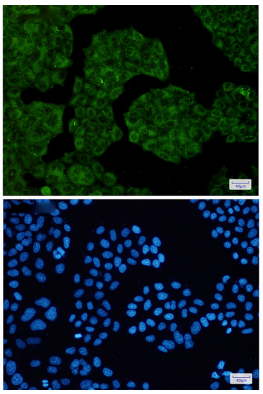
Images

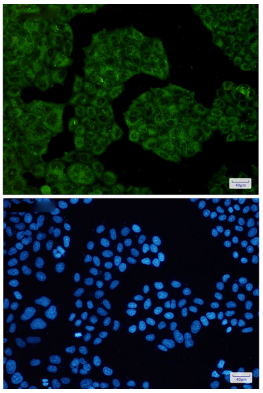


Western blot analysis of NUDT9 in K562, Hela lysates using NUDT9 antibody.



Immunocytochemistry analysis of NUDT9(green) in Hela using NUDT9 antibody,and DAPI(blue)





Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.