

KB523

For research use only

Anti Human NUDT9 Polyclonal Antibody

Code No. KB523
Target NUDT9
Category Enzyme
Gene ID 53343
Primary Source HGNC:8056
Synonyms NUDT10; MGC3037; NUDT9

Type Polyclonal Antibody
Immunogen Recombinant protein of full length Human NUDT9

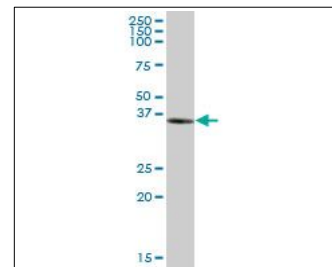
Raised in Mouse
Myeloma -
Clone number -
Purification Protein A purified
Source Mouse Serum
Isotype -
Cross Reactivity -
Label Unlabeled
Concentration 1 mg/mL
Contents (Volume) 50 µg
Buffer PBS, pH 7.2

Storage Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

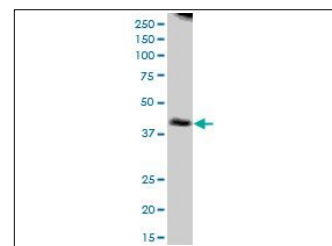
Application WB

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	-	-	-

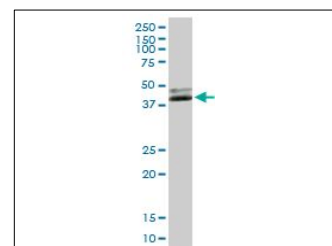
(µg/mL)



[WB] human liver tissue lysate



[WB] A-431 cell lysate



[WB] NUDT9 transfected 293T cell lysate

Reference

1. Perraud A.-L., et al. "ADP-ribose gating of the calcium-permeable LTRPC2 channel revealed by Nudix motif homology." *Nature* 411:595-599(2001)
2. Lin S., et al. "Cloning, expression and characterisation of a human Nudix hydrolase specific for adenosine 5'-diphosphoribose (ADP-ribose)." *Biochim. Biophys. Acta* 1594:127-135(2002)
3. Perraud A.-L., et al. "NUDT9, a member of the Nudix hydrolase family, is an evolutionarily conserved mitochondrial ADP-ribose pyrophosphatase." *J. Biol. Chem.* 278:1794-1801(2003)

UniProt Summary

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

//Subcellular location: Isoform 1: Mitochondrion.

//Tissue specificity: Ubiquitously expressed but isoform 1 is the most predominant isoform.

//Sequence similarities: Belongs to the Nudix hydrolase family. NudF subfamily. Contains 1 nudix hydrolase domain.