

NUDT9 rabbit pAb

Catalog No :	YT7471
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	NUDT9
Fields :	>>Purine metabolism;>>Metabolic pathways
Gene Name :	NUDT9 NUDT10 PSEC0099 UNQ3012/PRO9771
Protein Name :	NUDT9
Human Gene Id :	53343
Human Swiss Prot No :	Q9BW91
Mouse Gene Id :	74167
Mouse Swiss Prot No :	Q8BVU5
Rat Gene Id :	305149
Rat Swiss Prot No :	Q5XIG0
Immunogen :	Synthesized peptide derived from human NUDT9 AA range: 107-157
Specificity :	This antibody detects endogenous levels of NUDT9 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1[?]500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 39kD

Background : The protein encoded by this gene belongs to the Nudix hydrolase family. Nudix boxes are found in a family of diverse enzymes that catalyze the hydrolysis of nucleoside diphosphate derivatives. This enzyme is an ADP-ribose pyrophosphatase that catalyzes the hydrolysis of ADP-ribose to AMP and ribose-5-P. It requires divalent metal ions and an intact Nudix motif for enzymatic activity. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],

Function : catalytic activity:ADP-ribose + H(2)O = AMP + D-ribose 5-phosphate.,cofactor:Magnesium.,cofactor:Manganese.,function:Hydrolyzes ADP-ribose (ADPR) to AMP and ribose 5'-phosphate.,induction:Isoform 1 is inhibited by fluoride and N-acetyl-p-benzoquinoneimine.,similarity:Belongs to the Nudix hydrolase family. NudF subfamily.,subunit:Monomer. Interacts with C17orf25.,tissue specificity:Ubiquitously expressed but isoform 1 is the most predominant isoform.,

Subcellular Location : [Isoform 1]: Mitochondrion.

Expression : Ubiquitously expressed but isoform 1 is the most predominant isoform.

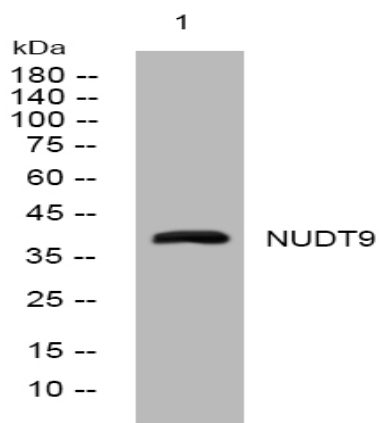
Sort : 11000

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4° over night