

Datasheet for ABIN2776345
anti-NUDT9 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	NUDT9
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Cow, Horse, Rabbit, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUDT9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NUDT9
Sequence:	SPKFNEKDGH VERKSKNGLY EIENGRPRNP AGRTGLVGRG LLGRWGPNHA
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 92%
Characteristics:	This is a rabbit polyclonal antibody against NUDT9. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NUDT9
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Target Details

Alternative Name:	NUDT9 (NUDT9 Products)
Background:	Human ADP-ribose pyrophosphatase NUDT9 belongs to a superfamily of Nudix hydrolases that catabolize potentially toxic compounds in the cell. NUDT9 alpha protein is targeted highly specifically to mitochondria, whereas the predicted protein of the NUDT9 beta transcript, which is missing this sequence, exhibits no clear subcellular localization. Investigation of the physical and enzymatic properties of NUDT9 indicates that it is functional as a monomer, optimally active at near neutral pH , and that it requires divalent metal ions and an intact Nudix motif for enzymatic activity. Alias Symbols: MGC3037, NUDT10 Protein Interaction Partner: EPHA2, APP, GLOD4, Protein Size: 350
Molecular Weight:	39 kDa
Gene ID:	53343
NCBI Accession:	NM_024047 , NP_076952
UniProt:	Q9BW91

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 350 AA
Restrictions:	For Research Use only

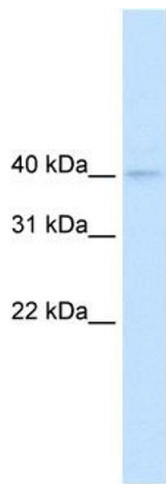
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NUDT9 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Human kidney