

Datasheet for ABIN1538814
anti-NUDT4 antibody (N-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	NUDT4
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NUDT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human NUDT4.
Clone:	RB36536
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NUDT4
Alternative Name:	NUDT4 (NUDT4 Products)
Background:	The protein encoded by this gene regulates the turnover of diphosphoinositol polyphosphates.

Target Details

The turnover of these high-energy diphosphoinositol polyphosphates represents a molecular switching activity with important regulatory consequences. Molecular switching by diphosphoinositol polyphosphates may contribute to regulating intracellular trafficking. Several alternatively spliced transcript variants have been described, but the full-length nature of some variants has not been determined. Isoforms DIPP2alpha and DIPP2beta are distinguishable from each other solely by DIPP2beta possessing one additional amino acid due to intron boundary skidding in alternate splicing.

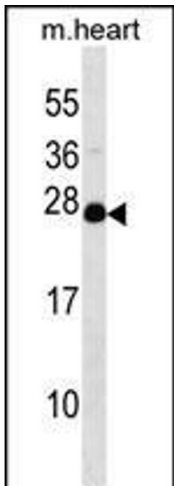
Molecular Weight:	20306
Gene ID:	11163
NCBI Accession:	NP_061967 , NP_950241
UniProt:	Q9NZJ9
Pathways:	Inositol Metabolic Process

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

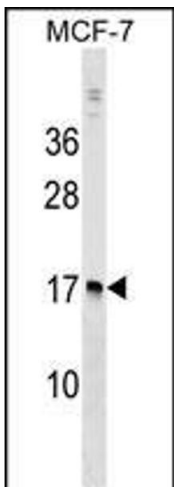
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	NUDT4 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. NUDT4 Antibody (N-term) (ABIN1538814 and ABIN2848810) western blot analysis in mouse heart tissue lysates (35 µg/lane). This demonstrates the NUDT4 antibody detected the NUDT4 protein (arrow).



Western Blotting

Image 2. NUDT4 Antibody (N-term) (ABIN1538814 and ABIN2848810) western blot analysis in MCF-7 cell line lysates (35 µg/lane). This demonstrates the NUDT4 antibody detected the NUDT4 protein (arrow).