

Datasheet for ABIN7074929

anti-NUDT5 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	NUDT5
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUDT5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse NUDT5
Cross-Reactivity:	Human, Rat
Purification:	Affinity purification

Target Details

Target:	NUDT5
Alternative Name:	NUDT5 (NUDT5 Products)
Background:	This gene belongs to the Nudix (nucleoside diphosphate linked moiety X) hydrolase superfamily. The encoded enzyme catalyzes the hydrolysis of modified nucleoside diphosphates, including ADP-ribose (ADPR) and 8-oxoGua-containing 8-oxo-dADP and 8-oxo-dGDP. Protein-bound ADP ribose can be hazardous to the cell because it can modify some amino acid residues, resulting in the inhibition of ATP-activated potassium channels. 8-oxoGua

Target Details

is an oxidized form of guanine that can potentially alter genetic information by pairing with adenine and cytosine in RNA. Presence of 8-oxoGua in RNA results in formation of abnormal proteins due to translational errors.

Molecular Weight: 34 kDa

Gene ID: 53893

NCBI Accession: [NP_058614](#)

UniProt: [Q9JKX6](#)

Application Details

Application Notes: WB (H,M,R) 1:500-1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, 0.02 % 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: -20 °C

Images

Western Blotting

Image 1. Western blot analysis of NUDT5 (ABIN7074929) at dilution of 1: 500

