

Datasheet for ABIN2783521
anti-NUDT15 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	NUDT15
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit, Zebrafish (Danio rerio), Horse, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUDT15 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	RKGSFGAGSF QLPGGHLEFG ETWEECAQRE TWEEAGLHLK NVCFASVVNS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against Nudt15. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NUDT15
Alternative Name:	Nudt15 (NUDT15 Products)

Target Details

Background:	Nudt15 mediates the hydrolysis of some nucleoside diphosphate derivatives. It can degrade 8-oxo-dGTP in vitro, suggesting that it may remove an oxidatively damaged form of guanine (7,8-dihydro-8-oxoguanine) from DNA and the nucleotide pool, thereby preventing misincorporation of 8-oxo-dGTP into DNA thus preventing A:T to C:G transversions. Its substrate specificity in vivo however remains unclear. Nudt15 may have a role in DNA synthesis and cell cycle progression through the interaction with PCNA. Alias Symbols: 6530403O17, A730068G11Rik, MTH2 Protein Size: 170
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Molecular Weight:	19 kDa
Gene ID:	214254
NCBI Accession:	NM_172527 , NP_766115
UniProt:	Q8BG93

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 170 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.
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.



Western Blotting

Image 1. WB Suggested Anti-Nudt15 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Small Intestine