

Datasheet for ABIN2783521

anti-NUDT15 antibody (N-Term)





Go to Product page

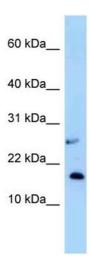
\sim			
()\	/ e	rVI	iew

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)

ot Dotail

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 throught the interaction with PCNA.
	Alias Symbols: 6530403017, A730068G11Rik, MTH2
	Protein Size: 170
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:	Lat enecific

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