

#### OriGene Technologies, Inc.

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# Product datasheet for TA356746

## Nudt15 Rabbit Polyclonal Antibody

### Product data:

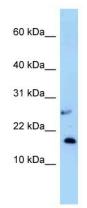
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity</b> : Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
	<b>Homology</b> : Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 100%; Zebrafish: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentrations	Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	19kDa
Gene Name:	nudix (nucleoside diphosphate linked moiety X)-type motif 15
Database Link:	<u>NP_766115</u> <u>Entrez Gene 214254 Mouse</u> <u>Q8BG93</u>
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.



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US Synonyms:

#### A730068G11Rik; FLJ10956; MGC104352; MTH2; RP11-90M2.1

## **Product images:**



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

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