

Product datasheet for TA356746

Nudt15 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish Homology: 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. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	NP_766115 Entrez Gene 214254 Mouse Q8BG93
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.



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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