

NUDT18 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12963**Specification**

NUDT18 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q6ZVK8
Other Accession	NM_024815 , NP_079091
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Rat, Rabbit, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35kDa KDa

NUDT18 antibody - C-terminal region - Additional Information**Gene ID** 79873**Alias Symbol** **FLJ22494****Other Names**

8-oxo-dGDP phosphatase NUDT18, 3.6.1.58, 2-hydroxy-dADP phosphatase, 7, 8-dihydro-8-oxoguanine phosphatase, MutT homolog 3, Nucleoside diphosphate-linked moiety X motif 18, Nudix motif 18, NUDT18, MTH3

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-NUDT18 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

NUDT18 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

NUDT18 antibody - C-terminal region - Protein Information**Name** NUDT18 ([HGNC:26194](#))**Function**

Mediates the hydrolysis of oxidized nucleoside diphosphate derivatives. Hydrolyzes 8-oxo-7,8-dihydroguanine (8-oxo-Gua)-containing deoxyribo- and ribonucleoside diphosphates to the monophosphates. Hydrolyzes 8-oxo-dGDP and 8-oxo-GDP with the same efficiencies. Also hydrolyzes 8-OH-dADP and 2-OH-dADP. Exhibited no or minimal hydrolysis activity against 8-oxo-dGTP, 8-oxo-GTP, dGTP, GTP, dGDP and GDP. Probably removes oxidized guanine

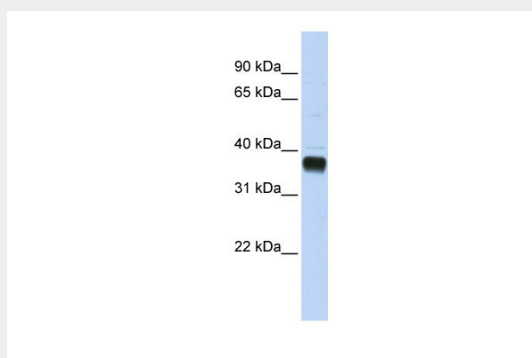
nucleotides from both the DNA and RNA precursor pools.

NUDT18 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NUDT18 antibody - C-terminal region - Images



WB Suggested Anti-NUDT18 Antibody Titration: 0.2-1 μ g/ml

ELISA Titer: 1:62500

Positive Control: Transfected 293T

NUDT18 antibody - C-terminal region - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Nusbaum C., et al. Nature 439:331-335(2006).
Takagi Y., et al. J. Biol. Chem. 287:21541-21549(2012).