10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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. Hydrolyzes also 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

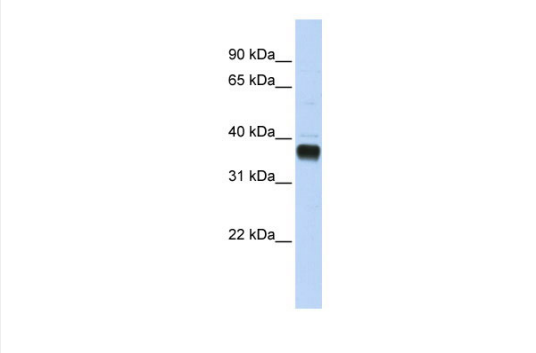
nucleotides from both the DNA and RNA precursor pools.

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 Cytomety
- Cell Culture

NUDT18 antibody - C-terminal region - Images



WB Suggested Anti-NUDT18 Antibody Titration: 0.2-1 µg/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).