

Rabbit anti-Human NUDT1 Polyclonal Antibody | anti-NUDT1 antibody

NUDT1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174213	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NUDT1; Polyclonal Antibody; NUDT1 Polyclonal Antibody; 2-hydroxy-dATP diphosphatase; 7 8 dihydro 8 oxoguanine triphosphatase; 7; 8 oxo 7 8 dihydrodeoxyguanosine triphosphatase; 8 oxo 7 8 dihydroguanosine triphosphatase; 8 oxo dGTPase; 8-dihydro-8-oxoguanine triphosphatase; 8-oxo-dGTPase; 8ODP; MTH 1; MTH1; MutT human homolog 1; Nucleoside diphosphate linked moiety X motif 1; Nucleoside diphosphate linked moiety X type motif 1; Nucleoside diphosphate-linked moiety X motif 1; Nudix (nucleoside diphosphate linked moiety X) type motif 1; Nudix hydrolase 1; Nudix motif 1; Nudix type motif 1; NUDT 1; Nudt1; anti-NUDT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	179
Applicable Applications for anti-NUDT1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human NUDT1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



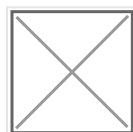
IP (Immunoprecipitation)

Immunoprecipitation analysis of 200ug extracts of 293T cells using 1ug NUDT1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using NUDT1 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NUDT1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NUDT1 antibody	Misincorporation of oxidized nucleoside triphosphates into DNA/RNA during replication and transcription can cause mutations that may result in carcinogenesis or neurodegeneration. The protein encoded by this gene is an enzyme that hydrolyzes oxidized purine nucleoside triphosphates, such as 8-oxo-dGTP, 8-oxo-dATP, 2-hydroxy-dATP, and 2-hydroxy rATP, to monophosphates, thereby preventing misincorporation. The encoded protein is localized mainly in the cytoplasm, with some in the mitochondria, suggesting that it is involved in the sanitization of nucleotide pools both for nuclear and mitochondrial genomes. Several alternatively spliced transcript variants, some of which encode distinct isoforms, have been identified. Additional variants have been observed, but their full-length natures have not been determined. A single-nucleotide polymorphism that results in the production of an additional, longer isoform (p26) has been described.
Product Categories/Family for anti-NUDT1 antibody	Cancer; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	40288274
NCBI GeneID	4521
NCBI Accession #	NP_002443.3
NCBI GenBank Nucleotide #	NM_002452.3
UniProt Accession #	P36639; Q6LES7; Q6P0Y6; Q7Z7N6; Q8IV95; Q9UBM0; Q9UBM9; A4D205
Molecular Weight	17kDa; 19kDa; 20kDa; 22kDa
NCBI Official Full Name	7,8-dihydro-8-oxoguanine triphosphatase isoform p18
NCBI Official Synonym Full Names	nudix hydrolase 1
NCBI Official Symbol	NUDT1
NCBI Official Synonym Symbols	MTH1
NCBI Protein Information	7,8-dihydro-8-oxoguanine triphosphatase
UniProt Protein Name	7,8-dihydro-8-oxoguanine triphosphatase
UniProt Gene Name	NUDT1
UniProt Synonym Gene Names	; Nudix motif 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nudt1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/174213>