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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NUDT1 (Human) Matched Antibody Pair

Catalog # : H00004521-AP11

規格 : [1 Set]

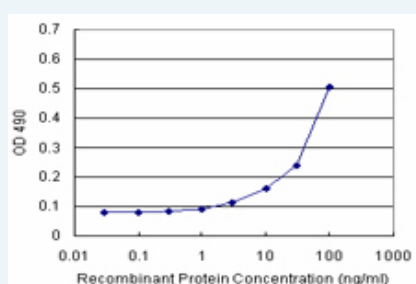
[List All](#)

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human NUDT1.

Reactivity: Human

Quality Control Testing: Standard curve using recombinant protein (H00004521-P01) as an analyte.



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.

Supplied Product: Antibody pair set content:
 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-NUDT1 (100 ug)
 2. Detection antibody: mouse monoclonal anti-NUDT1, IgG2a Kappa (20 ug)
 *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

ELISA Pair (Recombinant protein)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4521](#)

Gene Name: NUDT1

Gene Alias: MTH1

Gene Description: nudix (nucleoside diphosphate linked moiety X)-type motif 1

Omim ID: [600312](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

Other Designations: 7,8-dihydro-8-oxoguanine triphosphatase,8-oxo-7,8-dihydrodeoxyguanosine triphosphatase,8-oxo-7,8-dihydroguanosine triphosphatase,8-oxo-dGTPase,OTTHUMP00000024690,OTTHUMP00000115537,OTTHUMP00000115538,OTTHUMP00000115539,OTTHUMP00000115540,muT human homolo

Related Disease

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