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NUDT1 (Human) IP-WB Antibody Pair

Catalog # : H00004521-PW1

規格 : [1 Set]

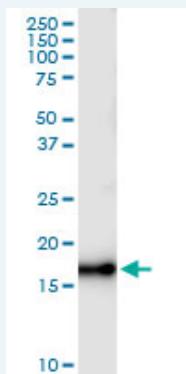
List All

Specification

Product Description: This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

Reactivity: Human

Quality Control Testing: Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of NUDT1 transfected lysate using rabbit polyclonal anti-NUDT1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-NUDT1.

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: rabbit polyclonal anti-NUDT1 (300 ul)
2. Antibody pair for WB: mouse polyclonal anti-NUDT1 (50 ul)

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

Immunoprecipitation-Western Blot

 [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](#)

Application Image

Immunoprecipitation-Western Blot

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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