

8ODP Rabbit Polyclonal Antibody

Catalog# UZ-PA00088

Product information

产品货号	UZ-PA00088
别名	MTH1
产品名称	8ODP Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	NUDT1
推荐应用	WB,ELISA
反应种属	Human,Rat,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Human Gene ID	4521
Human Swissprot No.	P36639
免疫原	Synthesized peptide derived from human protein . at AA range: 1-80
稀释度	WB 1:500-2000, ELISA 1:5000-20000
预测分子量	21kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	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 is
细胞定位	[Isoform p18]: Cytoplasm, cytosol . Mitochondrion matrix . Nucleus . Mostly present in cytosol (PubMed:7782328). A minor proportion is mitochondrial (PubMed:7782328). A very small amount of the protein is associated with nuclei (PubMed:7782328). .; [Isoform p26]: Mitochondrion matrix .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal