

NUDT15 Antibody (C-term)

Catalog_no :	AB0871
Applications :	WB, FC
Reactivity :	H, M
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:89-118
Specificity :	This NUDT15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-118 amino acids from the C-terminal region of human NUDT15.
Dilution :	WB,1:500;WB,1:1000;WB,1:1000;IHC-P,1:50~100;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Probable 8-oxo-dGTP diphosphatase NUDT15, 8-oxo-dGTPase NUDT15,8-dihydro-8-oxoguanine-triphosphatase NUDT15, MutT homolog 2, MTH2, Nucleoside diphosphate-linked moiety X motif 15, Nudix motif 15, NUDT15, MTH2
Isotype :	Rabbit Ig
Background :	Mediates the hydrolysis of some nucleoside diphosphate derivatives. Can degrade 8-oxo-dGTP in vitro, suggesting that it may remove an oxidatively damaged form of guanine (7,8-dihydro-8-oxoguanine) from DNA and the nucleotide pool, thereby preventing misincorporation of 8-oxo-dGTP into DNA thus preventing A:T to C:G transversions. Its substrate specificity in vivo however remains unclear (By similarity). May have a role in DNA synthesis and cell cycle progression through the interaction with PCNA.
reference :	Hori, M., et al. Free Radic. Biol. Med. 48(9):1197-1201(2010) Yu, Y., et al. J. Biol. Chem. 284(29):19310-19320(2009) Dunham, A., et al. Nature 428(6982):522-528(2004) Cai, J.P., et al. Biochem. Biophys. Res. Commun. 305(4):1073-1077(2003)