

Product Data Sheet

Anti-MTH1 Antibody

Catalog #	Source	Reactivity	Applications
CPA2982	Rabbit	H, M, R	WB
Description	Rabbit polyclonal antibody to MTH1		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human MTH1. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of MTH1 protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	NUDT1		
Alternative Names	MTH1; 7,8-dihydro-8-oxoguanine triphosphatase; 2-hydroxy-dATP diphosphatase; 8-oxo-dGTPase; Nucleoside diphosphate-linked moiety X motif 1; Nudix motif 1		
Entrez Gene	4521 (Human); 17766 (Mouse); 117260 (Rat)		
SwissProt	P36639 (Human); P53368 (Mouse); P53369 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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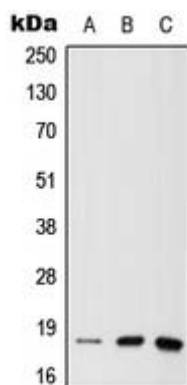
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Western blot analysis of MTH1 expression in A549 (A), mouse liver (B), rat brain (C) whole cell lysates.

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