
Product Name: MTH1 Rabbit Monoclonal Antibody**Catalog #: AMRe02282**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 18 kDa; Observed MW: 18 kDa

Antigen Information

Gene Name	NUDT1
Alternative Names	MTH1; NUDT 1
Gene ID	4521
SwissProt ID	P36639
Immunogen	Recombinant protein of human MTH1

Background

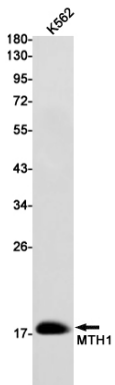
Antimutagenic. Acts as a sanitizing enzyme for oxidized nucleotide pools, thus suppressing cell dysfunction and death induced by oxidative stress. Hydrolyzes 8-oxo-dGTP, 8-oxo-dATP and 2-OH-dATP, thus preventing misincorporation of oxidized purine

nucleoside triphosphates into DNA and subsequently preventing A:T to C:G and G:C to T:A transversions.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of MTH1 in K562 lysates using MTH1 antibody.