

Rabbit anti-Human MTH1 Polyclonal Antibody | anti-MTH1 antibody

Anti-MTH1 Antibody, Rabbit Polyclonal

CATALOG # AAA259070	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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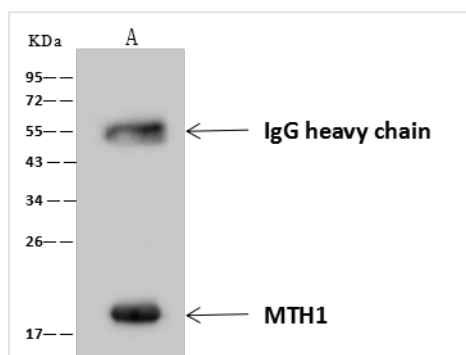
PRODUCT SYNONYMS

MTH1; Polyclonal Antibody; Anti-MTH1 Antibody; Rabbit Polyclonal; nudix (nucleoside diphosphate linked moiety X)-type motif 1; anti-MTH1 antibody

PRODUCT SPECIFICATIONS

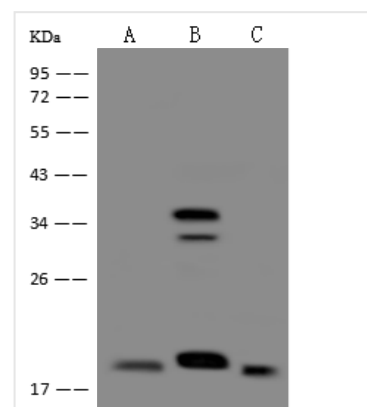
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human MTH1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-MTH1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E coli-derived Human MTH1 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human MTH1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

MTH1 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate 4 uL anti-MTH1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-MTH1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 22 kDa. Observed band size: 19 kDa.



WB (Western Blot)

Anti-MTH1 rabbit polyclonal antibody at 1:500 dilution. Lane A: A549 Whole Cell Lysate. Lane B: Jurkat Whole Cell Lysate. Lane C: SW480 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 22 kDa. Observed band size: 19 kDa. (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-MTH1 antibody	NUDT1 (Nudix Hydrolase 1) is a Protein Coding gene. The protein encoded by this gene is an enzyme that hydrolyzes oxidized purine nucleoside triphosphates to monophosphates, thereby preventing misincorporation. The NUDT1 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. Cancers can survive the oxidative conditions by upregulating nucleoside diphosphate linked moiety X-type motif 1 (NUDT1). MiR-485-5p acts as a tumor suppressor by targeting NUDT1 in gastric cancer (GC). The miR-485-5p/NUDT1 axis is involved in the processes of cell growth and cell motility and plays a key role in the tumorigenesis of GC.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mth1-antibody-immunoprecipitation-western-blot-elisa/259070>