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Anti-MTAP Rabbit Monoclonal Antibody

Catalog # ABO16362

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	Q13126
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-MTAP Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

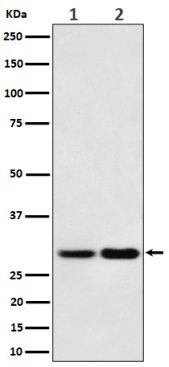
Additional Information

Gene ID	4507
Other Names	S-methyl-5'-thioadenosine phosphorylase {ECO:0000255|HAMAP-Rule:MF_03155}, 2.4.2.28 {ECO:0000255|HAMAP-Rule:MF_03155}, 5'-methylthioadenosine phosphorylase {ECO:0000255|HAMAP-Rule:MF_03155}, MTA phosphorylase {ECO:0000255|HAMAP-Rule:MF_03155}, MTAP {ECO:0000255|HAMAP-Rule:MF_03155}, MTAPase {ECO:0000255|HAMAP-Rule:MF_03155}, MTAP {ECO:0000255|HAMAP-Rule:MF_03155}, MSAP
Calculated MW	31236
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 28M98
Immunogen	A synthesized peptide derived from human MTAP
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

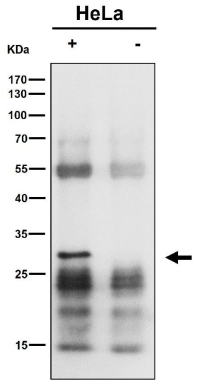
Protein Information

Name	MTAP {ECO:0000255|HAMAP-Rule:MF_03155}
Synonyms	MSAP
Function	Catalyzes the phosphorolytic cleavage of S-methyl-5'- thioadenosine (MTA) to adenine and 5-methylthioribose1-phosphate (PubMed:3091600, PubMed:8687427, PubMed:10404592). Involved in the breakdown of MTA, a major by-product of polyamine biosynthesis (PubMed:3091600, PubMed:8687427, PubMed:10404592). Responsible for the first step in the methionine salvage pathway after MTA has been generated from S-adenosylmethionine (PubMed:3091600, PubMed:8687427, PubMed:10404592). Has broad substrate specificity with 6-aminopurine nucleosides as preferred substrates (PubMed:10404592).
Cellular Location	Cytoplasm. Nucleus {ECO:0000255|HAMAP- Rule:MF_03155}
Tissue Location	Ubiquitously expressed.

Images



Western blot analysis of MTAP expression in (1) 293T cell lysate; (2) NIH/3T3 cell lysate.



Immunoprecipitate (IP) analysis using the Antibody at 1:50 dilution. (wb at 1:1K dilution)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.