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MTAP Antibody

Rabbit mAb
Catalog # AP92902

Product Information

Application	WB, IHC, IF, FC, ICC, IP, IHF
Primary Accession	Q13126
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	BDMF; DMSFH; DMSMFH; LGMBF; MeSAdo phosphorylase; MSAP; MTAP; MTAPase;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	31236

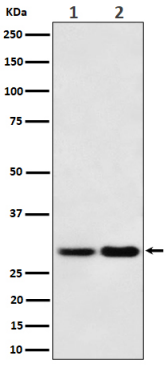
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human MTAP
Description	Plays a major role in polyamine metabolism and is important for the salvage of both adenine and methionine.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

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