Product Name: MTAP (17L2) Rabbit Monoclonal Antibody
Catalog #: AMRe14200

Summary

Production Name	MTAP (17L2) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	MTAP {ECO:0000255|HAMAP-Rule:MF_03155}
Alternative Names	BDMF; DMSFH; DMSMFH; LGMBF; MeSAdo phosphorylase; MSAP; MTAP; MTAPase;
Gene ID	4507.0
SwissProt ID	Q13126.Recombinant protein of human MTAP

Application

Dilution Ratio	WB: 1:1000
Molecular Weight	31kDa

Background

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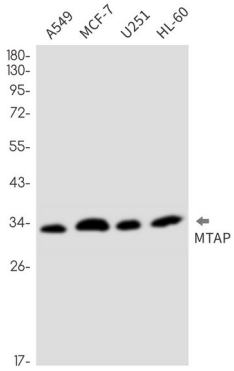
Plays a major role in polyamine metabolism and is important for the salvage of both adenine and methionine. Catalyzes the reversible phosphorylation of S-methyl-5'- thioadenosine (MTA) to adenine and 5-methylthioribose-1-phosphate. Involved in the breakdown of MTA, a major by-product of polyamine biosynthesis. Responsible for the first step in the methionine salvage pathway after MTA has been generated from S-adenosylmethionine. Has broad substrate specificity with 6-aminopurine nucleosides as preferred substrates.

Research Area

Image Data



Western blot detection of MTAP in A549,MCF-7,U251,HL-60 cell lysates using MTAP antibody(1:1000 diluted).

Note

For research use only.