

Anti-MTAP Rabbit Monoclonal Antibody
Catalog # ABO16362**Specification****Anti-MTAP Rabbit Monoclonal Antibody - 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.

Anti-MTAP Rabbit Monoclonal Antibody - 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

31 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200
IP 1:50
FC 1:50

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.

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.

Anti-MTAP Rabbit Monoclonal Antibody - Protein Information

Name MTAP {ECO:0000255|HAMAP-Rule:MF_03155}

Synonyms MSAP

Function

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.

Cellular Location

Cytoplasm. Nucleus {ECO:0000255|HAMAP- Rule:MF_03155}

Tissue Location

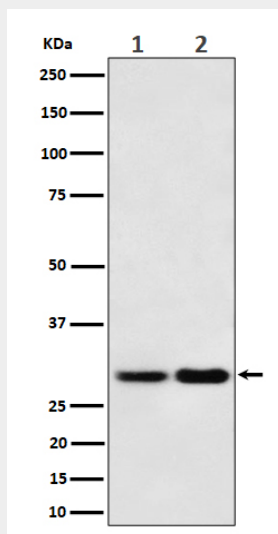
Ubiquitously expressed.

Anti-MTAP Rabbit Monoclonal Antibody - Protocols

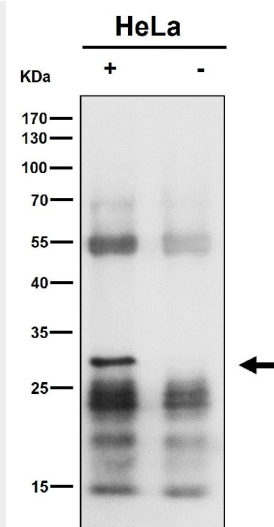
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-MTAP Rabbit Monoclonal Antibody - 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)