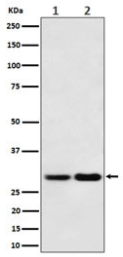
MTAP Antibody / MTA phosphorylase [clone 28M98] (RQ8644)

Catalog No.	Formulation	Size
RQ8644	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

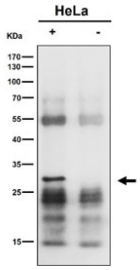
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	28M98
Purity	Affinity chromatography
UniProt	Q13126
Applications	Western blot: 1:500-1:2000 Immunoprecipitation: 1:50
Limitations	This MTAP antibody is available for research use only.



Western blot testing of 1) human 293T and 2) mouse NIH 3T3 cell lysate with MTAP antibody. Expected molecular weight: 26-38 kDa (multiple isoforms).



Immunoprecipitation of MTAP protein from human HeLa whole cell lysate using MTAP antibody at 1:50.

Description

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. [UniProt]

For knockdown-validated detection of MTAP as a metabolic marker, see our MTAP antibody.

Application Notes

Optimal dilution of the MTAP antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human MTAP protein was used as the immunogen for the MTAP Antibody.

Storage

Store the MTAP antibody at -20oC.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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