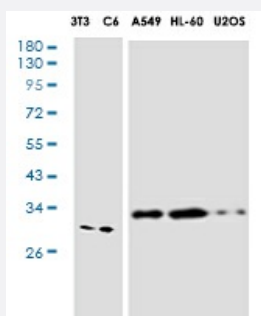


RecomAb™

MTAP recombinant monoclonal antibody, clone R03-4I1

Catalog # RAB01408 Size 100 uL

Applications



Western Blot

Western blot analysis of MTAP in 3T3, C6, A549, HL-60, U2OS lysates using MTAP antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MTAP.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human MTAP.
Theoretical MW (kDa)	Calculated MW: 31 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C. For longer storage, aliquot and store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of MTAP in 3T3, C6, A549, HL-60, U2OS lysates using MTAP antibody.

- Immunoprecipitation

Gene Info — MTAP

Entrez GeneID [4507](#)

Protein Accession# [Q13126](#)

Gene Name MTAP

Gene Alias MSAP, c86fus

Gene Description methylthioadenosine phosphorylase

Omim ID [156540](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an enzyme that plays a major role in polyamine metabolism and is important for the salvage of both adenine and methionine. The encoded enzyme is deficient in many cancers because this gene and the tumor suppressor p16 gene are co-deleted. Multiple alternatively spliced transcript variants have been described for this gene, but their full-length natures remain unknown. [provided by RefSeq]

Other Designations 5'-methylthioadenosine phosphorylase|MeSAdo phosphorylase|OTTHUMP00000021152

Pathway

- [Cysteine and methionine metabolism](#)
- [Metabolic pathways](#)

Disease

- [Brain Ischemia](#)
- [Diabetes Mellitus](#)
- [Gastrointestinal Neoplasms](#)
- [Gastrointestinal Stromal Tumors](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Intracranial Embolism](#)
- [Melanoma](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Nevus](#)
- [Precancerous Conditions](#)
- [Skin Neoplasms](#)
- [Sunburn](#)