

Datasheet for ABIN7168545
anti-MTAP antibody (AA 1-283)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	MTAP
Binding Specificity:	AA 1-283
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTAP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human S-methyl-5\'-thioadenosine phosphorylase protein (1-283AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	MTAP
Alternative Name:	MTAP (MTAP Products)
Background:	Background: 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-

Target Details

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.

Aliases: 5' methylthioadenosine phosphorylase antibody, 5"-methylthioadenosine phosphorylase antibody, BDMF antibody, c86fus antibody, DMSFH antibody, DMSMFH antibody, Epididymis luminal protein 249 antibody, HEL 249 antibody, LGMBF antibody, MeSAdo phosphorylase antibody, Methylthioadenosine phosphorylase antibody, MSAP antibody, MTA phosphorylase antibody, MTAP antibody, MTAP_HUMAN antibody, MTAPase antibody, S methyl 5 thioadenosine phosphorylase antibody, S methyl 5' thioadenosine phosphorylase antibody, S-methyl-5"-thioadenosine phosphorylase antibody

UniProt: [Q13126](#)

Pathways: [Ribonucleoside Biosynthetic Process](#), [Methionine Biosynthetic Process](#)

Application Details

Application Notes: Recommended dilution: WB:1:2000-1:10000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

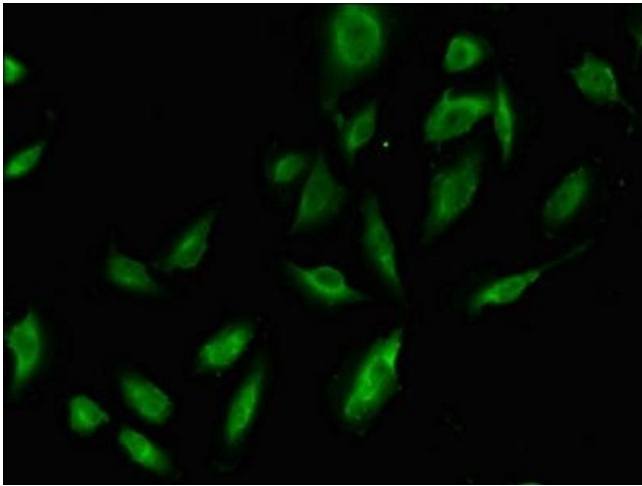
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

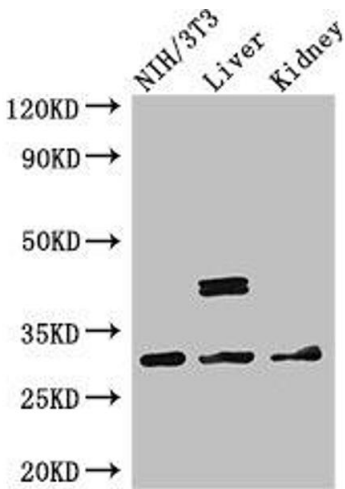
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of U251 cells using ABIN7168545 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: NIH/3T3 whole cell lysate, Mouse liver tissue, Mouse kidney tissue All lanes: MTAP antibody at 2.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 32, 39, 37, 31, 34, 33, 27 kDa Observed band size: 32, 39 kDa