Datasheet for ABIN7642768

anti-MAT1A antibody

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Overview

Quantity:	100 µL
Target:	MAT1A
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MAT1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Methionine Adenosyltransferase I Alpha (MAT1a)
Specificity:	The antibody is a mouse monoclonal antibody raised against MAT1a. It has been selected for its ability to recognize MAT1a in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	MAT1A
Alternative Name:	MAT1a (MAT1A Products)
Background:	MAT, SAMS, MATA1, SAMS1, AMS1, S-Adenosylmethionine Synthetase, S-adenosylmethionine synthase isoform type-1
UniProt:	P13444

Target Details

Pathways:	Mitotic G1-G1/S Phases, M Phase, Ribonucleoside Biosynthetic Process, Methionine Biosynthetic Process

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL,1:500-5000 Immunohistochemistry: 5-20 µg/mL,1:50-200 Immunocytochemistry: 5-20 µg/mL,1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.