

Datasheet for ABIN1533764
anti-MAT1A antibody (AA 91-140)



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1 Image

Overview

Quantity:	100 µL
Target:	MAT1A
Binding Specificity:	AA 91-140
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAT1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human MAT1.
Isotype:	IgG
Specificity:	MAT1 Antibody detects endogenous levels of total MAT1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	MAT1A
Alternative Name:	MAT1 (MAT1A Products)
Background:	Synonyms: AMS1, AdoMet synthetase, MAT-I/III, MATA1

Target Details

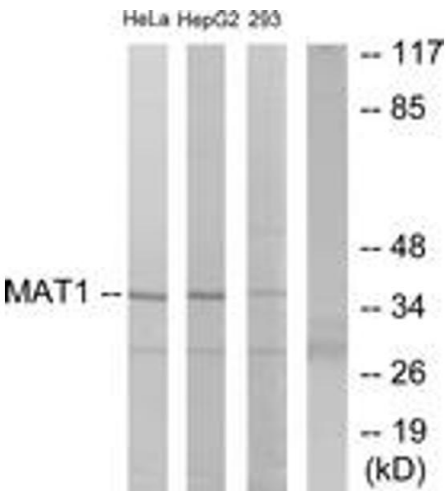
	NCBI Gene Symbol: MNAT1
Molecular Weight:	35 kDa
Gene ID:	4331
OMIM:	602659
UniProt:	P51948
Pathways:	Mitotic G1-G1/S Phases , M Phase , Ribonucleoside Biosynthetic Process , Methionine Biosynthetic Process

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:20000
Comment:	Unigene-Number: Hs.509523 (NCBI Gene Symbol: MNAT1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HeLa/HepG2/293 cells, using MAT1 Antibody. The lane on the right is treated with the synthesized peptide.