

Datasheet for ABIN2462396

anti-MAT1A antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	MAT1A
Reactivity:	Human, Mouse, Rat, Dog, Drosophila melanogaster, C. elegans
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAT1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human MAT1A.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	MAT1A
Alternative Name:	MAT1A (MAT1A Products)
Background:	MAT1A catalyzes the formation of S-adenosylmethionine from methionine and ATP. Methionine adenosyltransferase deficiency is caused by recessive and dominant mutations, the latter identified in autosomal dominant persistent hypermethioninemia. This gene encodes methionine adenosyltransferase I (alpha isoform), which catalyzes the formation of S-adenosylmethionine from methionine and ATP. Methionine adenosyltransferase deficiency is

Target Details

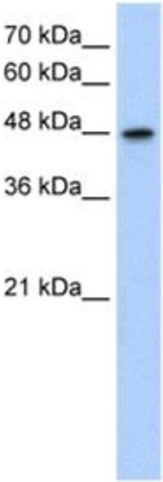
	caused by recessive and dominant mutations, the latter identified in autosomal dominant persistant hypermethioninemia.
Molecular Weight:	43 kDa
Gene ID:	4143
NCBI Accession:	NP_000420
UniProt:	Q00266
Pathways:	Mitotic G1-G1/S Phases , M Phase , Ribonucleoside Biosynthetic Process , Methionine Biosynthetic Process

Application Details

Application Notes:	MAT1A antibody can be used for detection of MAT1A by ELISA at 1:1562500. MAT1A antibody can be used for detection of MAT1A by western blot at 1.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store MAT1A antibody at -20 °C.



Western Blotting

Image 1.