
Product Name: MAT1A Rabbit Monoclonal Antibody**Catalog #: AMRe02232**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.64mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:20-1:50
Molecular Weight	Calculated MW: 44 kDa; Observed MW: 44 kDa

Antigen Information

Gene Name	MAT1A
Alternative Names	MAT; SAMS; MATA1; SAMS1; MAT1A
Gene ID	4143
SwissProt ID	Q00266
Immunogen	A synthetic peptide of human MAT1A

Background

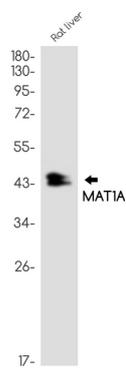
This gene catalyzes a two-step reaction that involves the transfer of the adenosyl moiety of ATP to methionine to form S-adenosylmethionine and triphosphosphate, which is subsequently cleaved to PPi and Pi. S-adenosylmethionine is the source of

methyl groups for most biological methylations. The encoded protein is found as a homotetramer (MAT I) or a homodimer (MAT III) whereas a third form, MAT II (gamma), is encoded by the MAT2A gene. Mutations in this gene are associated with methionine adenosyltransferase deficiency.

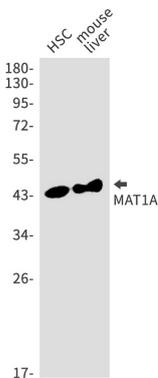
Research Area

Signal Transduction

Image Data



Western blot analysis of MAT1A in rat liver lysates using MAT1A antibody.



Western blot analysis of MAT1A in HSC, mouse liver lysates using MAT1A antibody.