A2630

Leader in Biomolecular Solutions for Life Science

www.abclonal.com

MAT1A Rabbit pAb

Catalog No.: A2630 **1 Publications**

Basic Information

Observed MW
44kDa

Calculated MW
44kDa

Category
Mouse Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human,Mouse,Rat

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 tripolyphosphate, 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.

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
4143

Swiss Prot
Q00266

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-395 of human MAT1A (NP_000420.1).

Synonyms
MAT; SAMS; MATA1; SAMS1; MAT1A

Contact

www.abclonal.com

Product Information

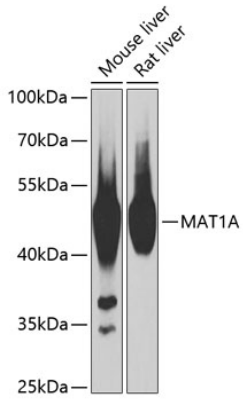
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using MAT1A antibody (A2630) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.