

Rabbit MAT1A Polyclonal Antibody | anti-MAT1A antibody

MAT1A Polyclonal Antibody

CATALOG # AAA171775	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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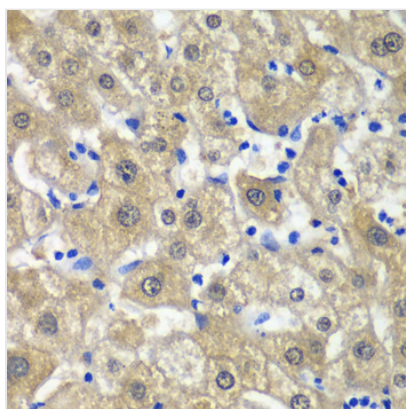
PRODUCT SYNONYMS

MAT1A ; Polyclonal Antibody; MAT1A Polyclonal Antibody; MAT; SAMS; MATA1; SAMS1; anti-MAT1A antibody

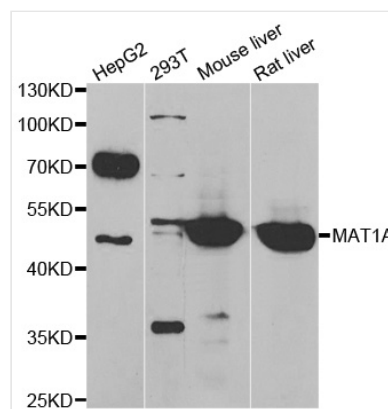
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Applicable Applications for anti-MAT1A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human MAT1A
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-28029 / sc-133772
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver injury using MAT1A antibody at dilution of 1:100 (x40 lens).


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MAT1A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MAT1A antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	823669190
NCBI GeneID	4143
Molecular Weight	Calculated MW: 43kDa
NCBI Official Full Name	MAT1A, partial
NCBI Official Synonym Full Names	methionine adenosyltransferase 1A
NCBI Official Symbol	MAT1A
NCBI Official Synonym Symbols	MAT; SAMS; MATA1; SAMS1
NCBI Protein Information	S-adenosylmethionine synthase isoform type-1
UniProt Protein Name	S-adenosylmethionine synthase isoform type-1
UniProt Gene Name	MAT1A
UniProt Synonym Gene Names	AMS1; MATA1; AdoMet synthase 1; MAT 1; MAT-I/III
UniProt Entry Name	METK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mat1a-antibody-immunohistochemistry-western-blot-elisa/171775>