

Rabbit anti-Human, Mouse MAT2A Polyclonal Antibody | anti-MAT2A antibody

Rabbit anti-MAT2A Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212592	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

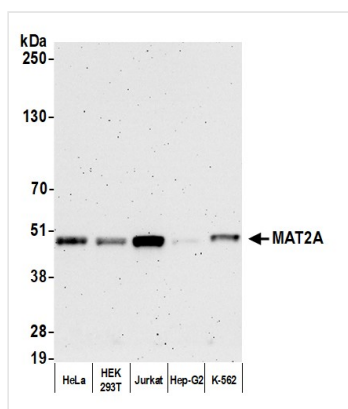
PRODUCT SYNONYMS

MAT2A; Polyclonal Antibody; Rabbit anti-MAT2A Antibody; Affinity Purified; methionine adenosyltransferase 2; methionine adenosyltransferase II; alpha; S-adenosylmethionine synthase isoform type-2; testicular tissue protein Li 121; Methionine adenosyltransferase II; MATII; MATA2; MAT 2; adoMet synthetase 2; adoMet synthase 2; MAT-II; SAMS2; methionine adenosyltransferase 2A; anti-MAT2A antibody

PRODUCT SPECIFICATIONS

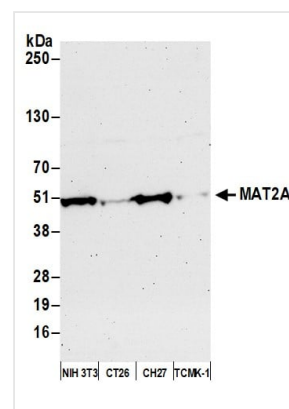
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MAT2A antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Orangutan
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



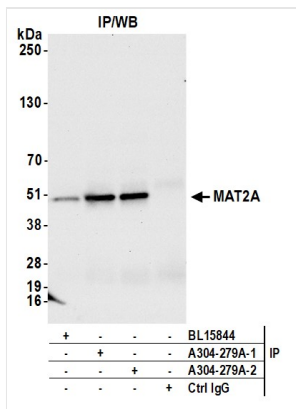
WB (Western Blot)

Detection of human MAT2A by western blot. Samples: Whole cell lysate (10 ug) from HeLa, HEK293T, Jurkat, Hep-G2, and K-562 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MAT2A antibody (AAA212592 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



WB (Western Blot)

Detection of mouse MAT2A by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MAT2A antibody (AAA212592 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)
 Detection of human MAT2A by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MAT2A antibody (AAA212592 lot 2) used for IP at 6 ug per reaction. MAT2A was also immunoprecipitated by a previous lot of this antibody (AAA212592 lot 1) and a second antibody against a different epitope of MAT2A (BL15844). For blotting immunoprecipitated MAT2A, AAA212592 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-MAT2A antibody	Methionine adenosyltransferase 2 (MAT2A) catalyzes the formation of S-adenosylmethionine from methionine and ATP [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P31153].
Product Categories/Family for anti-MAT2A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174529
NCBI GeneID	4144
NCBI Accession #	NP_005902.1
NCBI GenBank Nucleotide #	NM_005911.5
UniProt Accession #	P31153; Q53SP5; A8K511; B4DN45; D6W5L1
Molecular Weight	32,965 Da
NCBI Official Full Name	S-adenosylmethionine synthase isoform type-2
NCBI Official Synonym Full Names	methionine adenosyltransferase II, alpha
NCBI Official Symbol	MAT2A
NCBI Official Synonym Symbols	MATA2; MATII; SAMS2
NCBI Protein Information	S-adenosylmethionine synthase isoform type-2; MAT 2; MAT-II; adoMet synthase 2; adoMet synthetase 2; methionine adenosyltransferase 2
UniProt Protein Name	S-adenosylmethionine synthase isoform type-2
UniProt Gene Name	MAT2A
UniProt Synonym Gene Names	AMS2; MATA2; AdoMet synthase 2; MAT 2; MAT-II
UniProt Entry Name	METK2_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.

