

MAT2A Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17089a**Specification**

MAT2A Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P31153
Other Accession	P18298 , Q3THS6 , Q4R924 , NP_005902.1
Reactivity	Human
Predicted	Monkey, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	27-55

MAT2A Antibody (N-term) - Additional Information**Gene ID** 4144**Other Names**

S-adenosylmethionine synthase isoform type-2, AdoMet synthase 2, Methionine adenosyltransferase 2, MAT 2, Methionine adenosyltransferase II, MAT-II, MAT2A, AMS2, MATA2

Target/Specificity

This MAT2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-55 amino acids from the N-terminal region of human MAT2A.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MAT2A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MAT2A Antibody (N-term) - Protein Information**Name** MAT2A

Synonyms AMS2, MATA2

Function Catalyzes the formation of S-adenosylmethionine from methionine and ATP. The reaction comprises two steps that are both catalyzed by the same enzyme: formation of S-adenosylmethionine (AdoMet) and triphosphate, and subsequent hydrolysis of the triphosphate.

Tissue Location

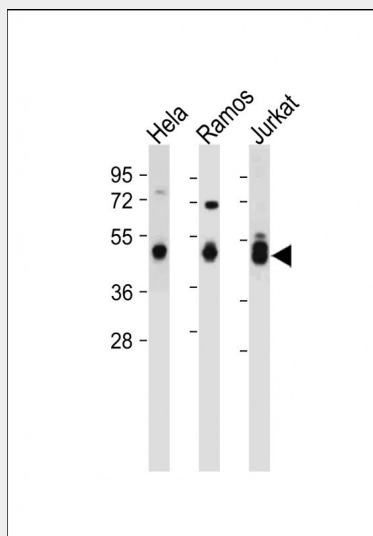
Detected in kidney..

MAT2A Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MAT2A Antibody (N-term) - Images



All lanes : Anti-MAT2A Antibody (N-term) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: Ramos whole cell lysate Lane 3: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 44 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

MAT2A Antibody (N-term) - Background

MAT2A catalyzes the formation of S-adenosylmethionine from methionine and ATP.

MAT2A Antibody (N-term) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Levine, A.J., et al. Cancer Epidemiol. Biomarkers Prev. 19(7):1812-1821(2010)

Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Martinez, C.A., et al. Am. J. Obstet. Gynecol. 201 (4), 394 (2009) :