




Product datasheet

Anti-MAT2A antibody - N-terminal ab186129

[1 References](#) [1 Image](#)

Overview

Product name	Anti-MAT2A antibody - N-terminal
Description	Rabbit polyclonal to MAT2A - N-terminal
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Chicken, Cat, Dog, Chimpanzee, Zebrafish, Cynomolgus monkey, Rhesus monkey, Gorilla, Orangutan 
Immunogen	<p>Synthetic peptide within Human MAT2A aa 1-100 (N terminal). The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. (NP_005902.1).</p> <p>Database link: <u>P31153</u></p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	HeLa, 293T, Jurkat and NIH 3T3 whole cell lysates.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: 99% Tris citrate/phosphate</p> <p>pH 7 to 8</p>

Purity	Immunogen affinity purified
Purification notes	ab186129 was affinity purified using an epitope specific to MAT2A immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

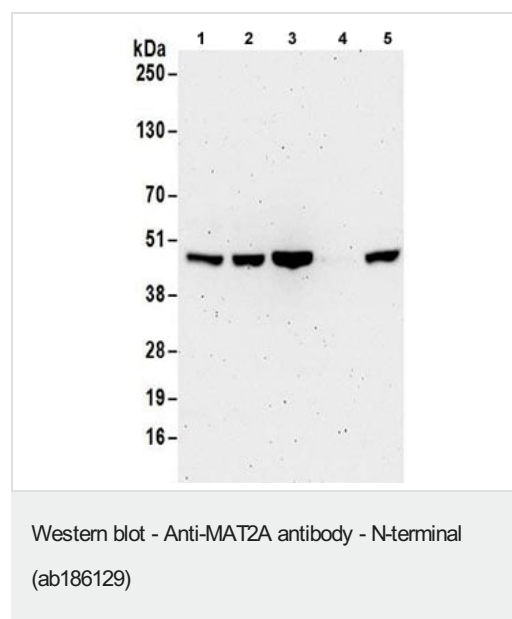
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab186129 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 44 kDa.

Target

Function	Catalyzes the formation of S-adenosylmethionine from methionine and ATP.
Pathway	Amino-acid biosynthesis; S-adenosyl-L-methionine biosynthesis; S-adenosyl-L-methionine from L-methionine: step 1/1.
Sequence similarities	Belongs to the AdoMet synthase family.
Post-translational modifications	The alpha' subunit is a post-translationally modified version of MAT2A.

Images



All lanes : Anti-MAT2A antibody - N-terminal (ab186129) at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate

Lane 2 : 293T whole cell lysate

Lane 3 : Jurkat whole cell lysate

Lane 4 : TCMK-1 whole cell lysate

Lane 5 : NIH 3T3 whole cell lysate

Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

Predicted band size: 44 kDa

Exposure time: 3 minutes

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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