

Datasheet for ABIN7436291
anti-MAT2A antibody (AA 176-395)

6 Images

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Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | MAT2A |
| Binding Specificity: | AA 176-395 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MAT2A antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|--|
| Purpose: | Polyclonal Antibody to Methionine Adenosyltransferase II Alpha (MAT2a) |
| Immunogen: | Recombinant Methionine Adenosyltransferase II Alpha (MAT2a) corresponding to Leu176~Tyr395 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against MAT2a. It has been selected for its ability to recognize MAT2a in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

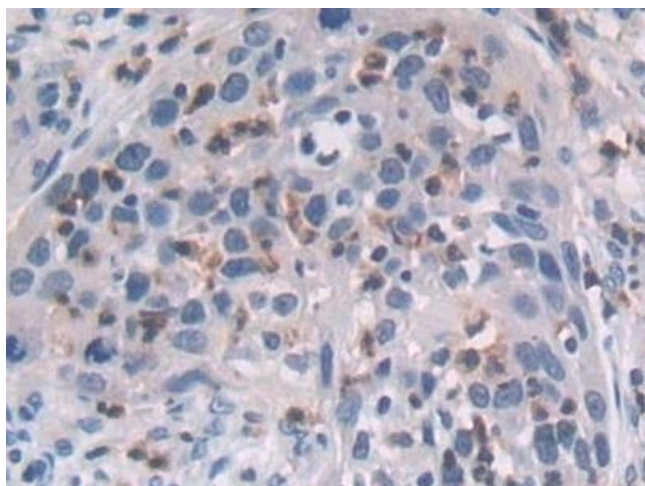
| | |
|-------------------|---|
| Target: | MAT2A |
| Alternative Name: | Methionine Adenosyltransferase II Alpha (MAT2A Products) |
| Background: | SAMS2, MATA2, AMS2, MATII, S-adenosylmethionine synthase isoform type-2 |
| Pathways: | Ribonucleoside Biosynthetic Process , Methionine Biosynthetic Process |

Application Details

| | |
|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL 1:250-1000 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

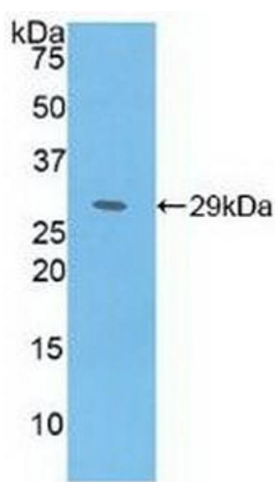
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



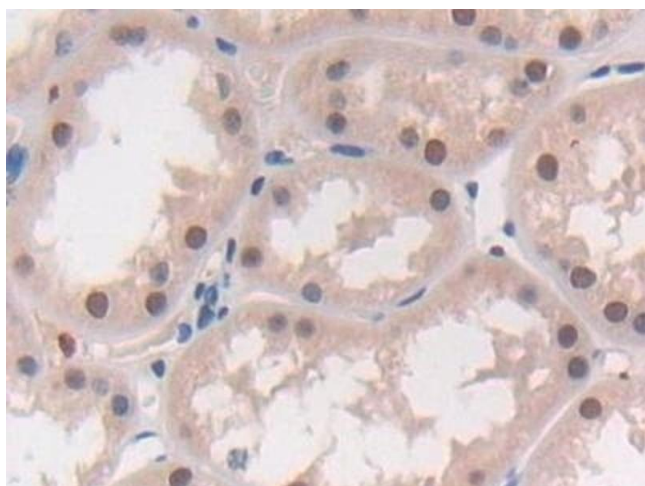
Immunohistochemistry

Image 1. Detection of MAT2a in Human Lung cancer Tissue using Polyclonal Antibody to Methionine Adenosyltransferase II Alpha (MAT2a)



Western Blotting

Image 2. Detection of Recombinant MAT2a, Human using Polyclonal Antibody to Methionine Adenosyltransferase II Alpha (MAT2a)



Immunohistochemistry

Image 3. Detection of MAT2a in Human Kidney Tissue using Polyclonal Antibody to Methionine Adenosyltransferase II Alpha (MAT2a)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7436291.