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Datasheet for ABIN1405690 **anti-MMAA antibody (Alexa Fluor 488)**

Overview

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|--------------|---|
| Quantity: | 100 µL |
| Target: | MMAA |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MMAA antibody is conjugated to Alexa Fluor 488 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human MMAA/cblA |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | MMAA |
| Alternative Name: | cblA (MMAA Products) |
| Background: | <p>Synonyms: mitochondrial, cblA, MMAA protein, Methylmalonic aciduria cobalamin deficiency cblA type, Methylmalonic aciduria cobalamin deficiency type A, Methylmalonic aciduria type A protein, Methylmalonic aciduria type A protein mitochondrial, MMAA, MMAA_HUMAN.</p> <p>Background: The protein encoded by this gene is involved in the translocation of cobalamin into</p> |

Target Details

the mitochondrion, where it is used in the final steps of adenosylcobalamin synthesis.
Adenosylcobalamin is a coenzyme required for the activity of methylmalonyl-CoA mutase.
Defects in this gene are a cause of methylmalonic aciduria. [provided by RefSeq, Jul 2008].

| | |
|-----------|---|
| Gene ID: | 166785 |
| Pathways: | Monocarboxylic Acid Catabolic Process |

Application Details

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|--------------------|-----------------------|
| Application Notes: | IF(IHC-P) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |