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Datasheet for ABIN4998370

anti-MMADHC antibody (Alexa Fluor 750)

Overview

| | |
|--------------|---|
| Quantity: | 100 µL |
| Target: | MMADHC |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MMADHC antibody is conjugated to Alexa Fluor 750 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human C2ORF25 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---|
| Target: | MMADHC |
| Alternative Name: | C2ORF25 (MMADHC Products) |
| Background: | Synonyms: cblD, Chromosome 2 open reading frame 25, Protein C2orf25, mitochondrial, CL25022, Methylmalonic aciduria cobalamin deficiency cblD type, with homocystinuria, Protein C2orf25, mitochondrial, MMAD_HUMAN. Background: C2ORF25 is a mitochondrial protein and its function is not fully identified. But, |

Target Details

Vitamin B12 (cobalamin) is an essential cofactor in several metabolic pathways. Intracellular conversion of cobalamin to adenosylcobalamin in mitochondria and to methylcobalamin in cytoplasm is necessary for homeostasis of methylmalonic acid and homocysteine. C2ORF25 encodes a protein involved in an early step of cobalamin metabolism.

Gene ID: 27249

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

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