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Datasheet for ABIN1387181 **anti-MMADHC antibody**

Overview

Quantity:	100 µL
Target:	MMADHC
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMADHC antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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: cbID, Chromosome 2 open reading frame 25, Protein C2orf25, mitochondrial, CL25022, Methylmalonic aciduria cobalamin deficiency cbID type, with homocystinuria, Protein C2orf25, mitochondrial, MMAD_HUMAN.

Target Details

Background: C2ORF25 is a mitochondrial protein and its function is not fully identified. But, 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: WB 1:300-5000
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months