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Datasheet for ABIN1423559 anti-MMAA antibody (Cy3)

Overview

Quantity:	100 µL
Target:	MMAA
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMAA antibody is conjugated to Cy3
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

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