MMACHC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MMACHC, Polyclonal Antibody
Full Product Name	MMACHC (Methylmalonic Aciduria and Homocystinuria Type C Protein) (MaxLight 550)
Product Gene Name	anti-MMACHC antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human MMACHC.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo original vial prior to removing the cap.
Molecular Weight	31,728 Da
Immunogen	Full length human MMACHC, aa1-225 (AAH06122.3).
Immunogen Sequence	MFDRALKPFLQSCHLRMLTDPVDQCVAYHLGRVRESLPELQIEIIADYEVHPNRRPKILAQTAAHVAGAAYYYQRQDVEADPWGNQRISGVCIHPRFGGW
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-MMACHC antibody	Antibodies; Disease Markers
Applications Tested/Suitable for anti-MMACHC antibody	Western Blot (WB)
Application Notes for anti-MMACHC antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MMACHC antibody	The exact function of the protein encoded by this gene is not known, however, its C-terminal region shows similarity to TonB, a bacterial protein involve gene are associated with methylmalonic aciduria and homocystinuria type cblC.
Other Notes	Small volumes of anti-MMACHC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nec

Searchable Terms for MMACHC purchase	MBS6385573 is an antibody targeting MMACHC. Also known as MMACHC (Methylmalonic Aciduria and Homocystinuria Type C Protein) (MaxLight 55

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MMACHC. It may not necessarily be applicable to this product.

NCBI GI #	13543966
NCBI GeneID	25974
NCBI Accession #	BC006122
NCBI Related Accession #	AAH06122.3
UniProt Secondary Accession #	Q5T157; Q9BRQ7
UniProt Related Accession #	Q9Y4U1
NCBI Official Full Name	Homo sapiens methylmalonic aciduria (cobalamin deficiency) cblC type, with homocystinuria, mRNA
NCBI Official Synonym Full Names	methylmalonic aciduria (cobalamin deficiency) cblC type, with homocystinuria
NCBI Official Symbol	MMACHC
NCBI Official Synonym Symbols	cblC
Protein Family	Methylmalonic aciduria and homocystinuria type C protein
NCBI Protein Information	methylmalonic aciduria and homocystinuria type C protein
Research Articles on MMACHC	**1.** Five different known mutations in either MUT or MMACHC genes were identified in seven of the eight Chinese patients with methyl malonic acidemia.
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