

Rabbit MMACHC Polyclonal Antibody | anti-MMACHC antibody

MMACHC Antibody

CATALOG # AAA225343	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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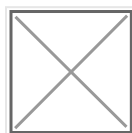
PRODUCT SYNONYMS

MMACHC; Polyclonal Antibody; MMACHC Antibody; Affinity Purified Rabbit Polyclonal MMACHC Antibody; Polyclonal MMACHC antibody; Anti-MMACHC antibody; methylmalonic aciduria and homocystinuria type C protein antibody; FLJ25671 antibody; RP11-291L19.3 antibody; MMACHC antibody; DKFZp564I122 antibody; cblC antibody; anti-MMACHC antibody

PRODUCT SPECIFICATIONS

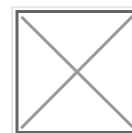
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	225
Applicable Applications for anti-MMACHC antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	MMACHC antibody was raised in rabbit using a recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 178 of MMACHC
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



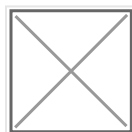
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using MMACHC antibody at 1:100 dilution.



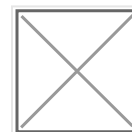
WB (Western Blot)

Western blot analysis of 30 ug whole cell lysate (A:293T; B:Raji) using a 12% SDS PAGE gel and MMACHC antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Hepatoma using MMACHC antibody at a dilution of 1:500



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded C2C12 xenograft using MMACHC antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 12% SDS PAGE gel and MMACHC antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

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 involved in energy transduction for cobalamin uptake. Hence, it is postulated that this protein may have a role in the binding and intracellular trafficking of cobalamin. Mutations in this gene are associated with methylmalonic aciduria and homocystinuria type cbIC.
Product Categories/Family for anti-MMACHC antibody	Nutrition & Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	1060099294
NCBI GeneID	25974
NCBI GenBank Nucleotide #	NP_001317469.1
UniProt Accession #	Q9Y4U1
Molecular Weight	32 kDa
NCBI Official Full Name	methylmalonic aciduria and homocystinuria type C protein isoform 2
NCBI Official Synonym Full Names	metabolism of cobalamin associated C
NCBI Official Symbol	MMACHC
NCBI Official Synonym Symbols	cbIC
NCBI Protein Information	methylmalonic aciduria and homocystinuria type C protein
UniProt Protein Name	Methylmalonic aciduria and homocystinuria type C protein
UniProt Gene Name	MMACHC
UniProt Entry Name	MMAC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mmachc-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225343>