

Product Datasheet

Methylmalonyl Coenzyme A mutase Antibody - Azide and BSA Free H00004594-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

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H00004594-B01P

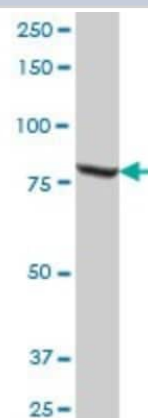
Methylmalonyl Coenzyme A mutase Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	4594
Gene Symbol	MMUT
Species	Human
Specificity/Sensitivity	MUT - methylmalonyl Coenzyme A mutase,
Immunogen	MUT (AAH16282.1, 1 a.a. - 750 a.a.) full-length human protein. MLRAKNQLFLLSPHYLRQVKESSGSRLIQQRLLHQQQPLHPEWAALAKKQLKG KNPEDLIWHTPEGISIKPLYSKRDTMDLPEELPGVKPFTRGPYPTMYTFRPWTI RQYAGFSTVEESNKFYKDNKAGQQGLSVAFDLATHRGYDSDNPRVRGDVGM AGVAIDTVEDTKILFDGIPLEKMSVSMTMNGAVIPVLANFIVTGEEQGVPEKLT GTIQNDILKEFMVRNTYIFPPEPSMKIADIFEYTAHKMPKFNSISISGYHMQEAG ADAILELAYTLADGLEYSRTGLQAGLTIDEFAPRLSFFWGIGMNFYMEIAKMRA GRRLWAHLIEKMFQPKNSKSLLLRAHCQTSGWSLTEQDPYNNIVRTAIEAMAA VFGGTQSLHTNSFDEALGLPTVKSARIARNTQIIQEEGIPKVADPWGGSYMM ECLTNDVYDAALKLINEIEEMGGMAKAVAEGIPKLRIEECAARRQARIDSGSEVI VGVNKYQLEKEDTVEVLADNTSVRNRQIEKLKKIKSSRDQALAERCLAALTECA ASGDGNILALAVDASRARCTVGEITDALKKVFGEHKANDRMVSGAYRQEFGES KEITSAIKRVHKFMEREGRRPRLLVAKMGQDGHDRGAKVIATGFADLGFDVDIG PLFQTPREVAQQAVDADVHAVGVSTLAAGHKTLVPELIKELNSLGRPDILVMCG GVIPPQDYEFLFEVGVSNVFGPGTRIPKAAVQVLDDIEKCLEKKQQSV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

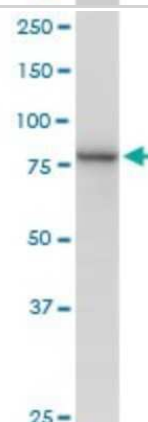


Images

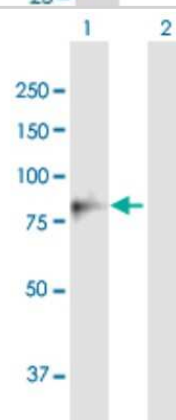
Western Blot: Methylmalonyl Coenzyme A mutase Antibody [H00004594-B01P] - Analysis of MUT expression in human liver.



Western Blot: Methylmalonyl Coenzyme A mutase Antibody [H00004594-B01P] - Analysis of MUT expression in A-431.



Western Blot: Methylmalonyl Coenzyme A mutase Antibody [H00004594-B01P] - Analysis of MUT expression in transfected 293T cell line by MUT polyclonal antibody. Lane 1: MUT transfected lysate(82.5 KDa). Lane 2: Non-transfected lysate.



Publications

Takahashi-Iniguez T, Gonzalez-Noriega A, Michalak C et al. Human MMAA induces the release of inactive cofactor and restores methylmalonyl-CoA mutase activity through their complex formation. Biochimie 2017-09-21 [PMID: 28943303]



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Products Related to H00004594-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
H00004594-P01-10ug	Recombinant Human Methylmalonyl Coenzyme A mutase GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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