

For Research Use Only

Methylmalonyl Coenzyme A mutase/MUT Polyclonal antibody

Catalog Number: 17034-1-AP

6 Publications



Basic Information

Catalog Number:

17034-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10523

GenBank Accession Number:

BC016282

GeneID (NCBI):

4594

UNIPROT ID:

P22033

Full Name:

methylmalonyl Coenzyme A mutase

Calculated MW:

750 aa, 83 kDa

Observed MW:

78 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells

IP : HepG2 cells,

IHC : human liver cancer tissue, human prostate cancer tissue

Notable Publications

Author	Pubmed ID	Journal	Application
Shengwen Zhang	36126056	PLoS One	IHC
Jana Key	34943861	Cells	WB
Randy J Chandler	32976669	Hepatology	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

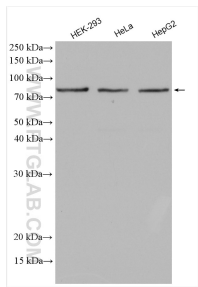
For technical support and original validation data for this product please contact:

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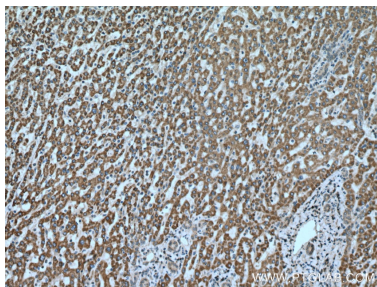
E: proteintech@ptglab.com
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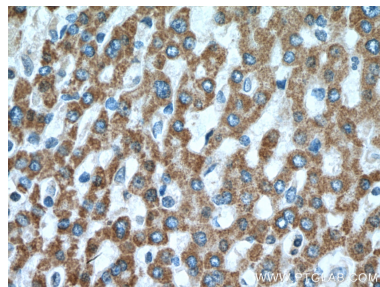
Selected Validation Data



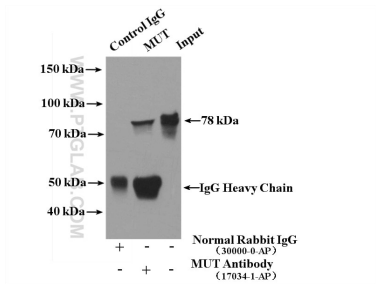
Various lysates were subjected to SDS PAGE followed by western blot with 17034-1-AP (Methylmalonyl Coenzyme A mutase/MUT antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17034-1-AP (Methylmalonyl Coenzyme A mutase/MUT antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17034-1-AP (Methylmalonyl Coenzyme A mutase/MUT antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-Methylmalonyl Coenzyme A mutase/MUT (IP:17034-1-AP, 4ug; Detection:17034-1-AP 1:500) with HepG2 cells lysate 1800ug.