MUT Recombinant antibody

Cat:B36064S

Company： HaoKebio

Uniprot ID:P22033

Organism: Rabbit

Species reactivity: Human Mouse Rat

Molecular Weight Calculation: 750 aa, 83 kDa

Observed Molecular Weight: 78 kDa

Applications: IHC:1:200-1:800
IHC-Polymer:1:800-1:3200
IHC-TSA:1:1000-1:4000
WB:1:5000-1:50000
FC:1:200-1:600

Background:

Methylmalonyl Coenzyme A mutase (MUT) is a n enzyme that plays a crucial role in the metaboli sm of certain amino acids and fatty acids. Mutati ons in the MUT gene can lead to methylmalonic acidemia, a metabolic disorder characterized by t he accumulation of toxic compounds such as met hylmalonyl-CoA and propionyl-CoA. This condit ion can cause severe health issues including deve lopmental delays, metabolic acidosis, and neurol ogical problems. MUT is essential for maintainin g normal metabolic processes and its dysfunction can have significant health implications, highlig hting its importance in both basic metabolism an d clinical medicine.

Synonyms:

MUT, 242198F11, EC:5.4.99.2, MCM, Methylm alonyl CoA isomerase

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02%sodium azide,100 μg/ml BSA an d 50% glycerol.

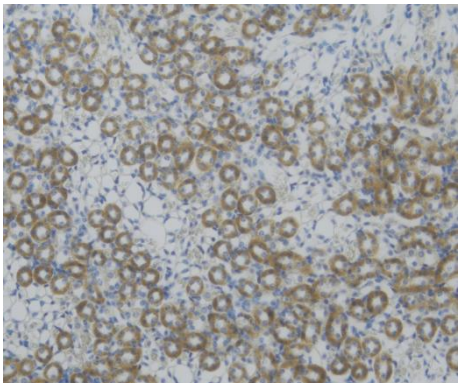
Storage:

Store at -20 ℃ for one year.

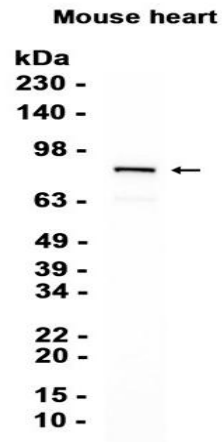
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 min utes.Incubate antibody, 4℃ overnight.Secondary antibody: P oly-HRP Goat Anti-Rabbit & Mouse Universal Secondary An tibody, RT, 1h.

Images:



Sample: Mouse kidney, 4% PFA 12-24h



Dilution of 1:50000 incubated at room temperature for 1.5 ho urs.

Source of Reagents:

发表[中文论文]请标注:MUT(B36064S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:MUT(B36064S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.