DMGDH Antibody

PACO57532

Product Information

Size:

50ug

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200

Protein Background:

Catalyzes the demethylation of N, N-dimethylglycine to sarcosine. Also has activity with sarcosine in vitro.

Gene ID:

DMGDH

Uniprot

Q9UI17

Synonyms:

Dimethylglycine dehydrogenase, mitochondrial (EC 1.5.8.4) (ME2GLYDH), DMGDH

Immunogen:

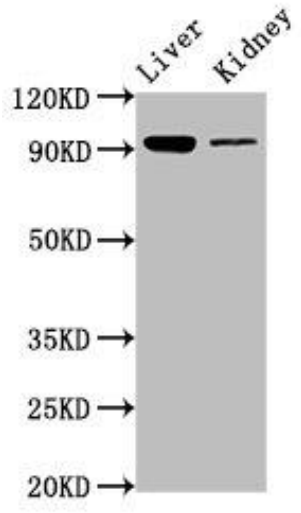
Recombinant Human Dimethylglycine dehydrogenase, mitochondrial protein (429-524AA).

Storage:

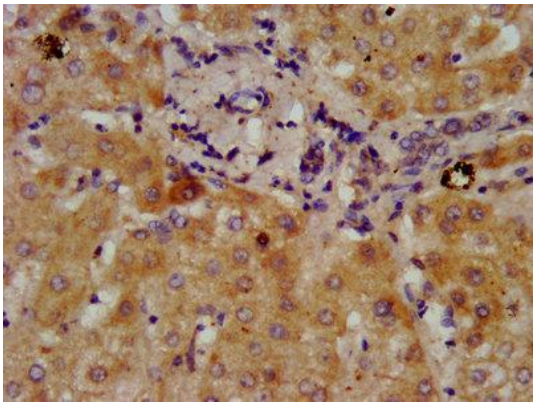
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

 info@assaygenie.com www.assaygenie.com

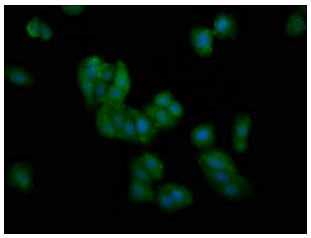
Product Images



Western Blot. Positive WB detected in: Mouse liver tissue, Mouse kidney tissue. All lanes: DMGDH antibody at 6.7µg/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 97, 46 kDa. Observed band size: 97 kDa.



IHC image of PACO57532 diluted at 1:300 and staining in paraffin-embedded human liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of HepG2 cells with PACO57532 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).