

Datasheet for ABIN7149966
anti-DMGDH antibody (AA 429-524)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	DMGDH
Binding Specificity:	AA 429-524
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMGDH antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Dimethylglycine dehydrogenase, mitochondrial protein (429-524AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	DMGDH
Alternative Name:	DMGDH (DMGDH Products)
Background:	Background: Catalyzes the demethylation of N,N-dimethylglycine to sarcosine. Also has activity with sarcosine in vitro.

Target Details

Aliases: Dimethylglycine dehydrogenase antibody, Dimethylglycine dehydrogenase, mitochondrial antibody, Dmgdh antibody, M2GD_HUMAN antibody, ME2GLYDH antibody, mitochondrial antibody

UniProt: [Q9UI17](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

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

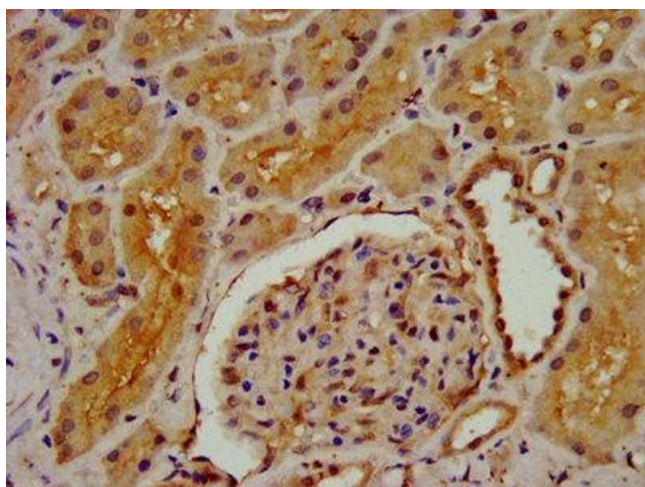
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

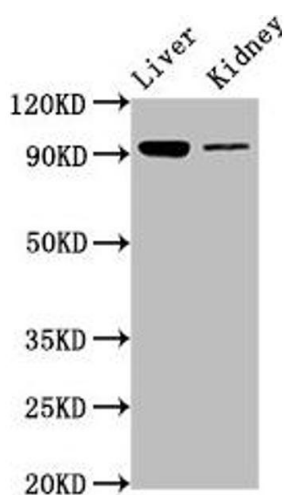
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



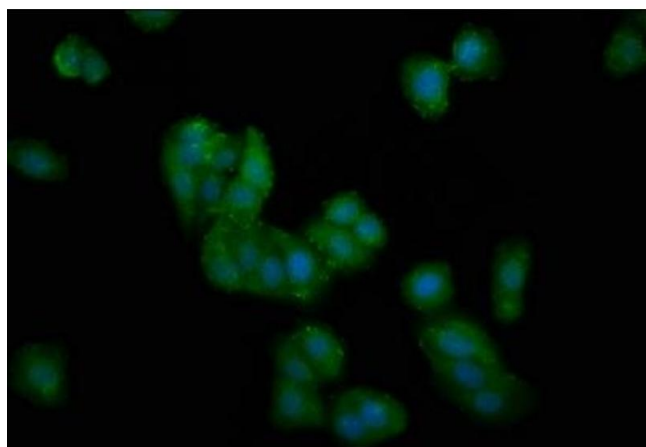
Immunohistochemistry

Image 1. IHC image of ABIN7149966 diluted at 1:300 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ 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 30 min 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.



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse liver tissue, Mouse kidney tissue All lanes: DMGDH antibody at 6.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 97, 46 kDa Observed band size: 97 kDa



Immunofluorescence

Image 3. Immunofluorescence staining of HepG2 cells with ABIN7149966 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-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7149966.