

DMGDH Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50847**Specification**

DMGDH Antibody - Product Information

Application	WB
Primary Accession	Q9UI17
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97 KDa
Antigen Region	838-865

DMGDH Antibody - Additional Information**Gene ID** 29958**Other Names**

Dimethylglycine dehydrogenase, mitochondrial, ME2GLYDH, DMGDH

Dilution

WB~~ 1:1000

FormatRabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

DMGDH Antibody - Protein Information**Name** DMGDH**Function**

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

Cellular Location

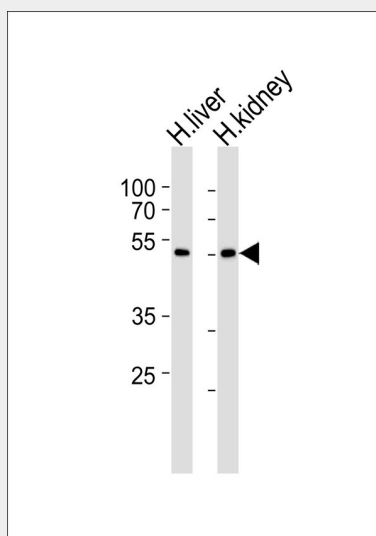
Mitochondrion.

DMGDH Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DMGDH Antibody - Images



Western blot analysis of lysates from human liver and kidney tissue lysate (from left to right), using DMGDH Antibody (AP50847). AP50847 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

DMGDH Antibody - References

- Binzak B.A., et al. Mol. Genet. Metab. 69:181-187(2000).
Binzak B.A., et al. Am. J. Hum. Genet. 68:839-847(2001).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Schmutz J., et al. Nature 431:268-274(2004).
Moolenaar S.H., et al. Clin. Chem. 45:459-464(1999).