

# **DMGDH Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP50847

### **Product Information**

Application WB
Primary Accession Q9UI17
Reactivity Human
Host Rabbit
Clonality polyclonal
Calculated MW 96811

### **Additional Information**

**Gene ID** 29958

Other Names Dimethylglycine dehydrogenase, mitochondrial, ME2GLYDH, DMGDH

**Dilution** WB~~ 1:1000

**Format** Rabbit 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

## **Protein Information**

Name DMGDH

**Function** Catalyzes the demethylation of N,N-dimethylglycine to sarcosine. Also has

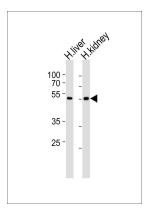
activity with sarcosine in vitro.

**Cellular Location** Mitochondrion.

#### 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).

# **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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.