

DMGDH Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP53341

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, 1.5.8.4, ME2GLYDH, DMGDH
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human DMGDH. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol
Storage	Store at -20 °C.Stable for 12 months from date of receipt

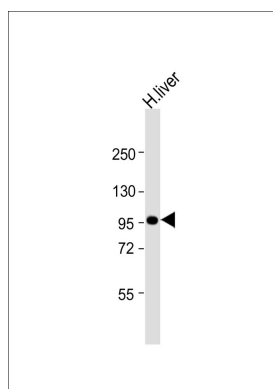
Protein Information

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



Anti-DMGDH Antibody at 1:1000 dilution + human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 97 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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