

DMGDH antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15127

Product Information

Application	WB
Primary Accession	Q9UI17
Other Accession	NM_013391 , NP_037523
Reactivity	Human, Rat, Pig, Horse
Predicted	Human, Rat, Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	96811

Additional Information

Gene ID	29958
Alias Symbol	DMGDHD, ME2GLYDH
Other Names	Dimethylglycine dehydrogenase, mitochondrial, 1.5.8.4, ME2GLYDH, DMGDH
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-DMGDH antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	DMGDH antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

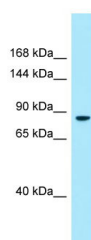
Name	DMGDH
Function	Catalyzes the demethylation of N,N-dimethylglycine to sarcosine. Also has activity with sarcosine in vitro.
Cellular Location	Mitochondrion.

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



WB Suggested Anti-DMGDH Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Liver

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