

## DMGDH Polyclonal Antibody

Cat No: HR1AP3290

For research use only

### Overview

Product Name	DMGDH Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	97kDa
GeneID?Human?	DMGDH
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	DMGDH; Dimethylglycine dehydrogenase; mitochondrial; ME2GLYDH
Background	<p>dimethylglycine dehydrogenase(DMGDH) Homo sapiens This gene encodes an enzyme involved in the catabolism of choline, catalyzing the oxidative demethylation of dimethylglycine to form sarcosine. The enzyme is found as a monomer in the mitochondrial matrix, and uses flavin adenine dinucleotide and folate as cofactors. Mutation in this gene causes dimethylglycine dehydrogenase deficiency, characterized by a fishlike body odor, chronic muscle fatigue, and elevated levels of the muscle form of creatine kinase in serum. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],</p>