

DMGDH Rabbit pAb

db21323

Package : 20µL 50µL 100µL

Product Name : DMGDH Rabbit pAb**Cat.No.:** db21323**Synonyms** : DMGDHD; ME2GLYDH**Application** : WB, IHC, IP**Reactivity** : Human**Host species** : Rabbit**Background**

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]

Immunogen

A synthetic peptide of human DMGDH

Gene ID

29958

Swiss Prot

Q9UI17

Synonyms

DMGDHD; ME2GLYDH

Reactivity

Human

Application

WB, IHC, IP

Recommended dilution

WB: 1:1000

IHC: 1:20

IP: 1:20

Calculated MW

97 kDa

Observed MW

97 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.