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Product datasheet for TA368192S

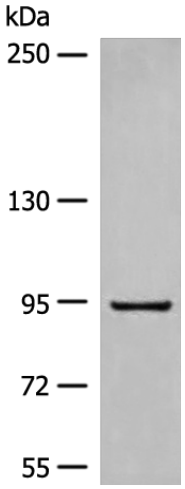
DMGDH Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human fetal liver tissue lysate
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human DMGDH
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	97 kDa
Gene Name:	dimethylglycine dehydrogenase
Database Link:	Entrez Gene 29958 Human Q9UI17
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.
Synonyms:	DMGDHD; ME2GLYDH

View online »

Product images:



Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane: Human fetal liver tissue lysate
Primary antibody: [TA368192] (DMGDH Antibody) at dilution 1/800
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 2 minutes