

Rabbit anti-Human, Mouse DMGDH Polyclonal Antibody | anti-DMGDH antibody

DMGDH Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234517	Rabbit	Human, Mouse	Immunofluorescence, Western Blot, ELISA

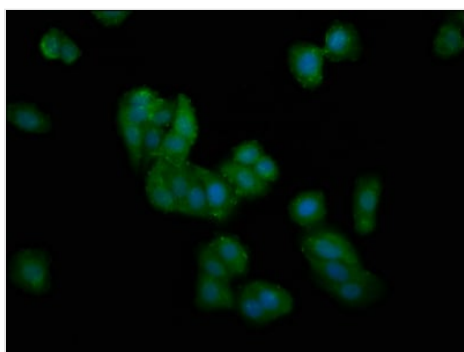
PRODUCT SYNONYMS

DMGDH; Polyclonal Antibody; DMGDH Antibody; Dimethylglycine dehydrogenase; mitochondrial; ME2GLYDH; anti-DMGDH antibody

PRODUCT SPECIFICATIONS

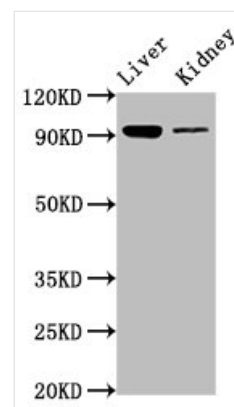
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	866
Applicable Applications for anti-DMGDH antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Dimethylglycine dehydrogenase, mitochondrial protein (429-524AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234517 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)

Western Blot Positive WB detected in: Mouse liver tissue, Mouse kidney tissue All lanes: DMGDH antibody at 6.7ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 97, 46 kDa Observed band size: 97 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-DMGDH antibody	Catalyzes the demethylation of N, N-dimethylglycine to sarcosine. Also has activity with sarcosine in vitro.
Product Categories/Family for anti-DMGDH antibody	Neuroscience; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	24797151
NCBI GeneID	29958
NCBI Accession #	NP_037523.2
NCBI GenBank Nucleotide #	NM_013391.3
UniProt Accession #	Q9UI17; B2RBN0; B4E1J9
Molecular Weight	45,079 Da
NCBI Official Full Name	dimethylglycine dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	dimethylglycine dehydrogenase
NCBI Official Symbol	DMGDH
NCBI Official Synonym Symbols	DMGDHD; ME2GLYDH
NCBI Protein Information	dimethylglycine dehydrogenase, mitochondrial
UniProt Protein Name	Dimethylglycine dehydrogenase, mitochondrial
UniProt Gene Name	DMGDH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/dmgdh-antibody-immunofluorescence-western-blot-elisa/234517>