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Product datasheet for TA339737

ME2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ME2 antibody: synthetic peptide directed towards the N terminal of human ME2. Synthetic peptide located within the following region: MAFTLQERQMLGLQGLLPPKIETQDIQALRFHRNLKKMTSPLEKYIYIMG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	65 kDa
Gene Name:	malic enzyme 2
Database Link:	NP_002387 Entrez Gene 4200 Human P23368

View online »

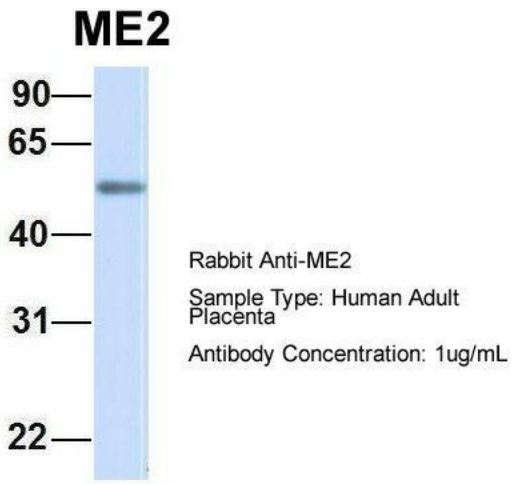
Background: ME2 is a mitochondrial NAD-dependent malic enzyme, a homotetrameric protein, that catalyzes the oxidative decarboxylation of malate to pyruvate. It had previously been weakly linked to a syndrome known as Friedreich ataxia that has since been shown to be the result of mutation in a completely different gene.This gene encodes a mitochondrial NAD-dependent malic enzyme, a homotetrameric protein, that catalyzes the oxidative decarboxylation of malate to pyruvate. It had previously been weakly linked to a syndrome known as Friedreich ataxia that has since been shown to be the result of mutation in a completely different gene. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms: ODS1

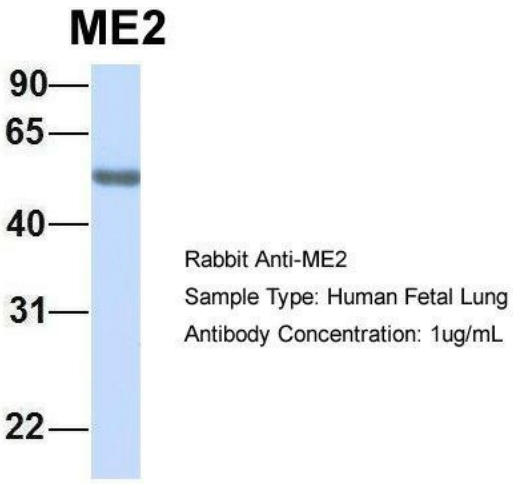
Note: Immunogen Sequence Homology: Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Pig: 93%; Horse: 93%; Guinea pig: 93%; Dog: 86%

Protein Pathways: Pyruvate metabolism

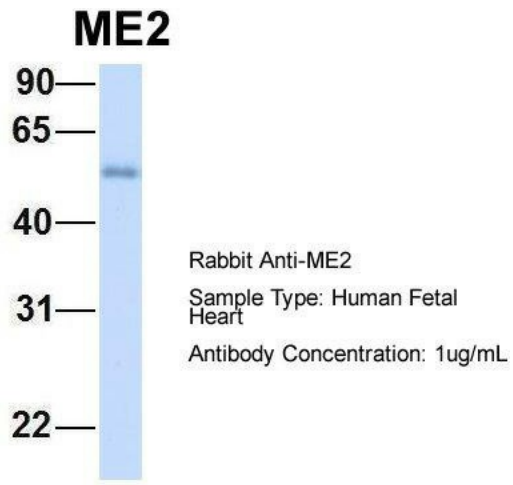
Product images:



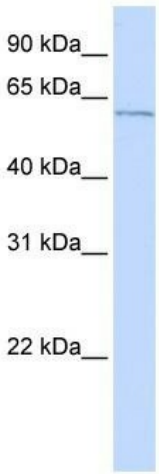
Host: Rabbit; Target Name: ME2; Sample Tissue: Human Adult Placenta; Antibody Dilution: 1.0 ug/ml



Host: Rabbit; Target Name: ME2; Sample Tissue: Human Fetal Lung; Antibody Dilution: 1.0 ug/ml



Host: Rabbit; Target Name: ME2; Sample Tissue: Human Fetal Heart; Antibody Dilution: 1.0 ug/ml



WB Suggested Anti-ME2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 12500; Positive Control: Jurkat cell lysate ME2 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells