

Rabbit ME2 Polyclonal Antibody | anti-ME2 antibody

ME2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200108	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

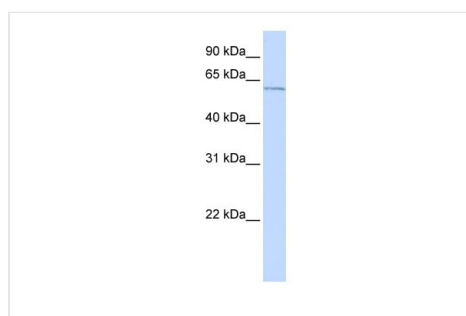
PRODUCT SYNONYMS

ME2; Polyclonal Antibody; ME2 antibody - N-terminal region; anti-ME2 antibody

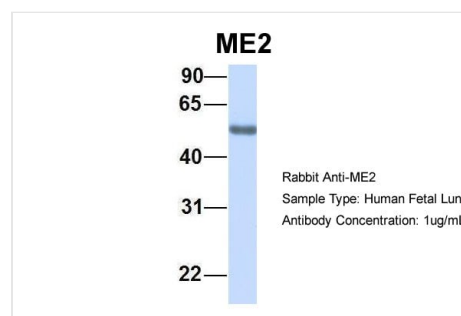
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MAFTLQERQMLGLQLLPKIEQTQDIQALRFH RNLKKMTSPL EKYYIMG
Sequence Length	584
Applicable Applications for anti-ME2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 86%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ME2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

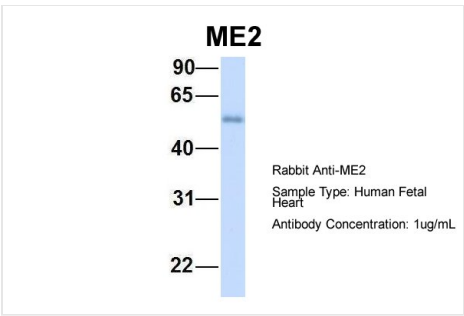
IMAGES


WB (Western Blot)

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

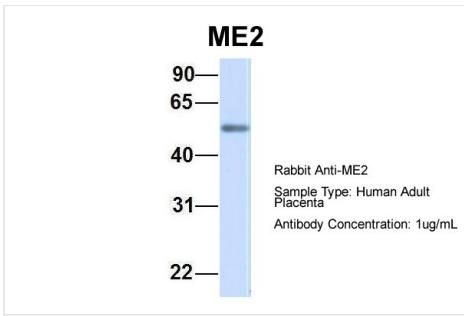

WB (Western Blot)

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



WB (Western Blot)

Host: RabbitTarget Name: ME2Sample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: ME2Sample Type: Human Adult PlacentaAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ME2 antibody	This is a rabbit polyclonal antibody against ME2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-ME2 antibody	Polyclonal ; Drugs and Drug Metabolism ; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505145
NCBI GeneID	4200
NCBI Accession #	NP_002387
NCBI GenBank Nucleotide #	NM_002396
UniProt Accession #	P23368
Molecular Weight	65kDa
NCBI Official Full Name	NAD-dependent malic enzyme, mitochondrial isoform 1
NCBI Official Synonym Full Names	malic enzyme 2
NCBI Official Symbol	ME2
NCBI Official Synonym Symbols	ODS1
NCBI Protein Information	NAD-dependent malic enzyme, mitochondrial
UniProt Protein Name	NAD-dependent malic enzyme, mitochondrial
UniProt Gene Name	ME2
UniProt Synonym Gene Names	NAD-ME
UniProt Entry Name	MAOM_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/me2-antibody-western-blot-elisa/200108>