

Product datasheet for TA346684

ME3 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-ME3 antibody: synthetic peptide directed towards the N terminal of

human ME3. Synthetic peptide located within the following region: PGPARPVPLKKRGYDVTRNPHLNKGMAFTLEERLQLGIHGLIPPCFLSQD

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.

Purification: Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 67 kDa

Gene Name: malic enzyme 3 **Database Link:** NP 001014811

Entrez Gene 10873 Human

Q16798



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ME3 Rabbit Polyclonal Antibody - TA346684

Background: Malic enzyme catalyzes the oxidative decarboxylation of malate to pyruvate using either

NAD+ or NADP+ as a cofactor. Mammalian tissues contain 3 distinct isoforms of malic enzyme: a cytosolic NADP(+)-dependent isoform, a mitochondrial NADP(+)-dependent isoform, and a mitochondrial NAD(+)-dependent isoform. This gene encodes a mitochondrial NADP(+)-dependent isoform. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of some variants has not been determined.

[provided by RefSeq, Jul 2008]

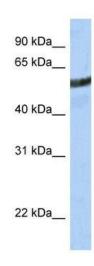
Synonyms: NADP-ME

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse:

100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%; Sheep: 92%

Protein Pathways: Metabolic pathways, Pyruvate metabolism

Product images:



WB Suggested Anti-ME3 Antibody Titration: 0.2-1 ug/ml; Positive Control: 721_B cell lysate