

ME1 antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # AI10418

Product Information

Application WB, IHC Primary Accession P48163

Other Accession NM 002395, NP 002386

Reactivity Human, Mouse, Rat, Pig, Dog, Bovine

Predicted Pig, Chicken, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 64150

Additional Information

Gene ID 4199

Alias Symbol HUMNDME, MES

Other Names NADP-dependent malic enzyme, NADP-ME, 1.1.1.40, Malic enzyme 1, ME1

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

Reconstitution & Storage Add 50 ul of distilled water. Final anti-ME1 antibody concentration is 1 mg/ml

in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C.

Avoid repeat freeze-thaw cycles.

Precautions ME1 antibody - N-terminal region is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name ME1 (HGNC:6983)

Function Catalyzes the oxidative decarboxylation of (S)-malate in the presence of

NADP(+) and divalent metal ions, and decarboxylation of oxaloacetate.

Cellular Location Cytoplasm.

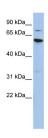
Tissue Location Expressed in all tissues tested including liver, placenta and white adipose

tissue.

References

Hsieh, J.Y., (2006) J. Biol. Chem. 281 (32), 23237-23245 Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

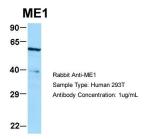
Images



WB Suggested Anti-ME1 Antibody Titration: .2-1 ug/ml

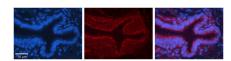
ELISA Titer: 1:3125

Positive Control: HepG2 cell lysate



Host:Rabbit Target Name:ME1 Sample Tissue:293T Antibody Dilution:1.ug/ml

ME1 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells



Rabbit Anti-ME1 Antibody Catalog Number: AI1418

Formalin Fixed Paraffin Embedded Tissue: Human

Bronchial Epithelial Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:1

Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:2

Magnification: 2X

Exposure Time: .5 - 2. sec

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.