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# 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

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|---|---|
| **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. |

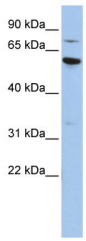
## Protein Information

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|---|---|
| **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. |

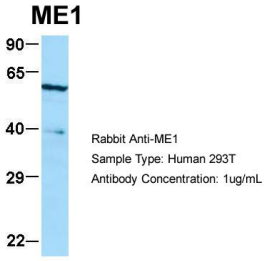
## References

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

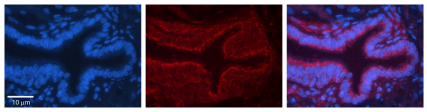



WB Suggested Anti-ME1 Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:3125
Positive Control: HepG2 cell lysate




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'.