

# ME1 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22134a

## Product Information

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Application	WB, E
Primary Accession	<a href="#">P48163</a>
Reactivity	Human, Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55906
Calculated MW	64150

## Additional Information

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Gene ID	4199
Other Names	NADP-dependent malic enzyme, NADP-ME, 1.1.1.40, Malic enzyme 1, ME1
Target/Specificity	This ME1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 37-70 amino acids from human ME1.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ME1 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	ME1 ( <a href="#">HGNC:6983</a> )
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.

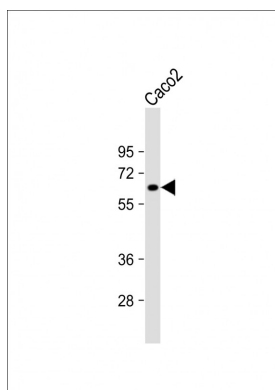
## References

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Gonzalez-Manchon C.,et al.Gene 159:255-260(1995).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Totoki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.  
Mungall A.J.,et al.Nature 425:805-811(2003).

## Images

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Anti-ME1 Antibody (N-Term) at 1:2000 dilution + Caco2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 64 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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