

Product datasheet for **AP52647PU-N**

ME2 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 526-556 amino acids from the C-terminal region of Human NAD-ME
Specificity:	This antibody recognizes Human and Mouse NAD-ME (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	malic enzyme 2
Database Link:	Entrez Gene 107029 Mouse Entrez Gene 4200 Human P23368



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Background:

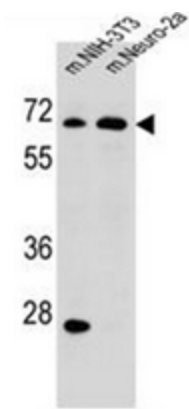
This gene encodes a mitochondrial NAD-dependent malic enzyme, a homotetrameric protein, that catalyzes the oxidative decarboxylation of malate to pyruvate. It had previously been weakly linked to a syndrome known as Friedreich ataxia that has since been shown to be the result of mutation in a completely different gene. Certain single-nucleotide polymorphism haplotypes of this gene have been shown to increase the risk for idiopathic generalized epilepsy. Alternatively spliced transcript variants encoding different isoforms found for this gene. [provided by RefSeq].

Synonyms:

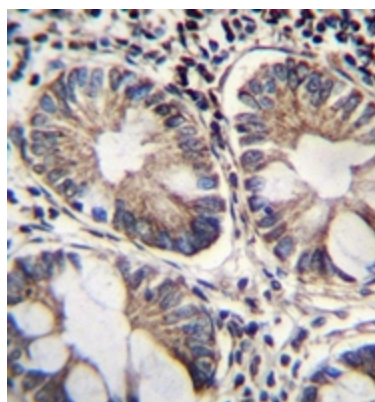
ME2

Note:**Molecular Weight:** 65444 Da**Protein Pathways:**

Pyruvate metabolism

Product images:

Western blot analysis of NAD-ME Antibody (C-term) in mouse NIH-3T3, Neuro-2a cell line lysates (35ug/lane).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue reacted with NAD-ME Antibody (C-term), which was peroxidase conjugated to the secondary antibody and followed by DAB staining.