

Datasheet for ABIN953596
anti-NAD-ME antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	NAD-ME
Binding Specificity:	AA 526-556, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAD-ME antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 526-556 amino acids from the C-terminal region of Human NAD-ME Genename: ME2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse NAD-ME (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	NAD-ME
Alternative Name:	NAD-ME (NAD-ME Products)

Target Details

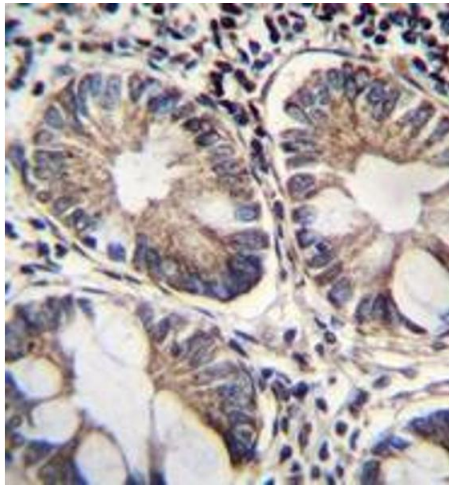
Background:	This gene encodes a mitochondrial NAD-dependent malic enzyme, a homotetrameric protein, that catalyzes the oxidative decarboxylation of malate to pyruvate. It had previously been weakly linked to a syndrome known as Friedreich ataxia that has since been shown to be the result of mutation 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, NAD-dependent malic enzyme, mitochondrial
Molecular Weight:	65444 Da
Gene ID:	4200
NCBI Accession:	NP_002387
Pathways:	Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

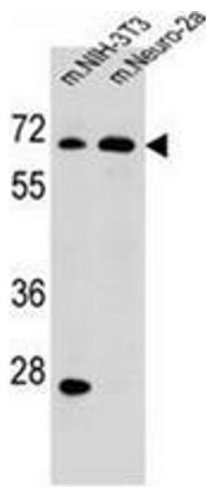
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue reacted with NAD-ME Antibody (C-term) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining.



Western Blotting

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