

## Datasheet for ABIN631085 anti-NAD-ME antibody



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	NAD-ME
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAD-ME antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	ME2 antibody was raised using a synthetic peptide corresponding to a region with amino acids MAFTLQERQMLGLQGLLPPKIETQDIQALRFHRNLKMTSPLEKYIYIMG
Purification:	Affinity purified

#### Target Details

Target:	NAD-ME
Alternative Name:	ME2 ( <a href="#">NAD-ME Products</a> )
Background:	ME2 is 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.
Molecular Weight:	65 kDa (MW of target protein)

## Target Details

---

Pathways: [Production of Molecular Mediator of Immune Response](#)

## Application Details

---

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	ME2 Blocking Peptide, catalog no. 33R-5654, is also available for use as a blocking control in assays to test for specificity of this ME2 antibody
Restrictions:	For Research Use only

## Handling

---

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ME2 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

## Images

---



### Western Blotting

**Image 1.** ME2 antibody used at 1 ug/ml to detect target protein.