

Datasheet for ABIN2784265
anti-NAD-ME antibody (N-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	NAD-ME
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAD-ME antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ME2
Sequence:	MAFTLQERQM LGLQGLLPPK IETQDIQALR FHRNLKKMTS PLEKYIYIMG
Predicted Reactivity:	Cow: 100%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ME2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NAD-ME
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Target Details

Alternative Name:	ME2 (NAD-ME Products)
Background:	<p>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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: ODS1</p> <p>Protein Interaction Partner: UBC, SIRT7, ICT1, DYNLL1, ME2,</p> <p>Protein Size: 584</p>
Molecular Weight:	65 kDa
Gene ID:	4200
NCBI Accession:	NM_002396 , NP_002387
UniProt:	P23368
Pathways:	Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 584 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

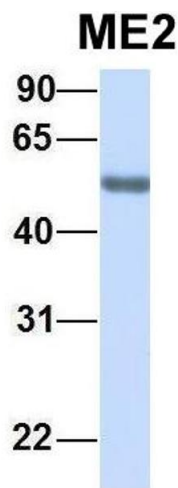
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



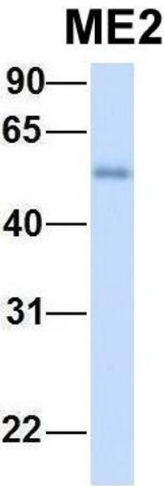
Western Blotting

Image 1. WB Suggested Anti-ME2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Jurkat cell lysate ME2 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Western Blotting

Image 2. Host: Rabbit Target Name: ME2 Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. Host: Rabbit Target Name: ME2 Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2784265.