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## Datasheet for ABIN7468573 **anti-ME3 antibody (C-Term)**

### Overview

Quantity:	100 µL
Target:	ME3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ME3 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human ME3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	ME3
Alternative Name:	malic enzyme 3 ( <a href="#">ME3 Products</a> )
Background:	Synonyms: malic enzyme 3 , NADP-ME

## Target Details

Background: Malic enzyme catalyzes the oxidative decarboxylation of malate to pyruvate using either NAD<sup>+</sup> or NADP<sup>+</sup> as a cofactor. Mammalian tissues contain 3 distinct isoforms of malic enzyme: a cytosolic NADP(+)-dependent isoform, a mitochondrial NADP(+)-dependent isoform, and a mitochondrial NAD(+)-dependent isoform. This gene encodes a mitochondrial NADP(+)-dependent isoform. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of some variants has not been determined. [provided by RefSeq]

Molecular Weight: 67 kDa

Gene ID: 10873

UniProt: [Q16798](#)

Pathways: [Warburg Effect](#)

## Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.  
Not tested in other applications.

Comment: Positive Control: mouse hippocampus

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.42 mg/mL

Buffer: 1XPBS ( pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.