

Datasheet for ABIN2777598
anti-ME1 antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ME1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Horse, Sheep, Goat, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ME1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of human ME1
Sequence:	KAECSAEQCY KITKGRAIFA SGSPFDPVTL PNGQTLYPGQ GNNSYVFPGV
Predicted Reactivity:	Cow: 85%, Dog: 92%, Goat: 85%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 77%, Rabbit: 100%, Rat: 100%, Sheep: 85%
Characteristics:	This is a rabbit polyclonal antibody against ME1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ME1
Alternative Name:	ME1 (ME1 Products)

Target Details

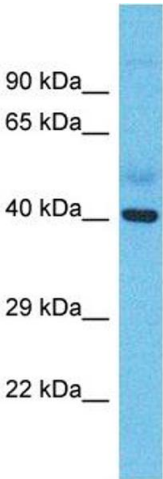
Background:	This gene encodes a cytosolic, NADP-dependent enzyme that generates NADPH for fatty acid biosynthesis. The activity of this enzyme, the reversible oxidative decarboxylation of malate, links the glycolytic and citric acid cycles. The regulation of expression for this gene is complex. Increased expression can result from elevated levels of thyroid hormones or by higher proportions of carbohydrates in the diet. Alias Symbols: MES, HUMNDME Protein Size: 406
Molecular Weight:	44 kDa
Gene ID:	4199
NCBI Accession:	NM_002395 , NP_002386
UniProt:	P48163
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 mg/mL
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 should be handled by trained staff only.
Handling Advice:	Avoid repeat 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.



Western Blotting

Image 1. Host: Rabbit Target Name: ME1 Sample Type: Lymph Node Tumor lysates Antibody Dilution: 1.0ug/ml