

Rabbit ME1 Polyclonal Antibody | anti-ME1 antibody

ME1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324879	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ME1; Polyclonal Antibody; ME1 Antibody; Cytosolic malic enzyme 1; HUMNDME; Malate dehydrogenase; Malic enzyme 1; NADP(+) dependent; cytosolic; soluble; Malic enzyme; cytoplasmic; MAOX_HUMAN; MES; NADP dependent malic enzyme; NADP ME; NADP-dependent malic enzyme; NADP-ME; Pyruvic malic carboxylase; anti-ME1 antibody

PRODUCT SPECIFICATIONS

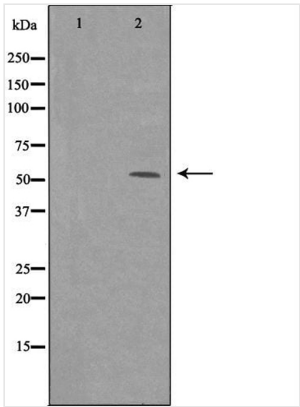
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ME1 antibody detects endogenous levels of total ME1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	572
Applicable Applications for anti-ME1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Tissue Specificity	Expressed in all tissues tested including liver, placenta and white adipose tissue.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (91%), Rabbit (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



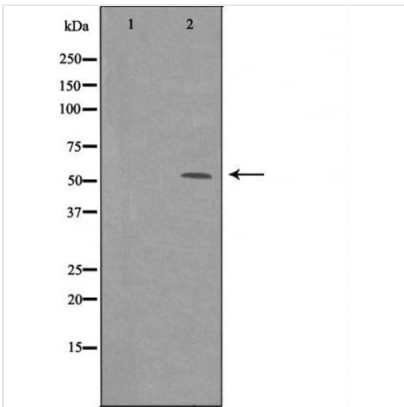
IF (Immunofluorescence)

AAA324879 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using ME1 antibody. The lane on the left is treated with the antigen-specific peptide.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using ME1 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ME1 antibody	Function: (S)-malate + NADP+ = pyruvate + CO2 + NADPH. Subunit Structure: Homotetramer. Similarity: Belongs to the malic enzymes family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505143
NCBI GeneID	4199
NCBI Accession #	NP_002386.1
NCBI GenBank Nucleotide #	NM_002395.5
UniProt Accession #	P48163; Q16797; Q16855; Q53F72; Q5VWA2; Q9BWX8; Q9H1W3; Q9UIY4; B4DZ70
Molecular Weight	Observed: 64 kD Predicted: 65 kDa
NCBI Official Full Name	NADP-dependent malic enzyme
NCBI Official Synonym Full Names	malic enzyme 1
NCBI Official Symbol	ME1

NCBI Official Synonym Symbols	MES; HUMNDME
NCBI Protein Information	NADP-dependent malic enzyme
UniProt Protein Name	NADP-dependent malic enzyme
UniProt Gene Name	ME1
UniProt Synonym Gene Names	NADP-ME

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/me1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324879>