

Rabbit ME1 Polyclonal Antibody | anti-ME1 antibody

ME1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197465	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Western Blot, Immunohistochemistry

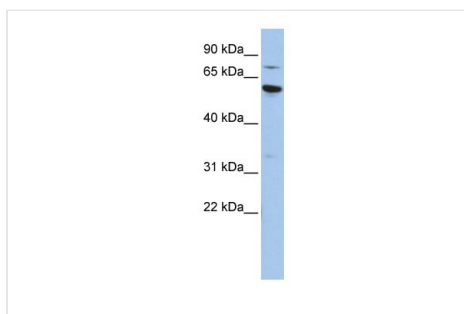
PRODUCT SYNONYMS

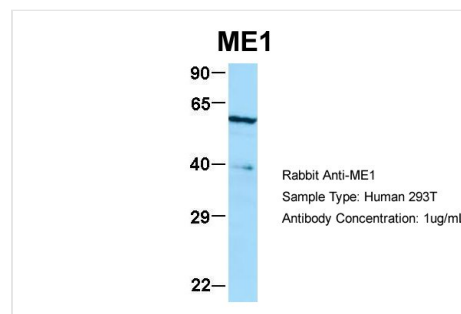
ME1; Polyclonal Antibody; ME1 antibody - N-terminal region; anti-ME1 antibody

PRODUCT SPECIFICATIONS

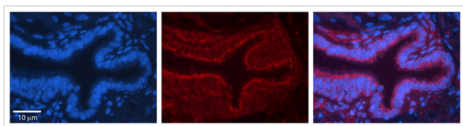
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QQ LNIHGLLPSS FNSQEIQVLR VVKNFHLS DFDRLLLMD LQDRNEKL
Sequence Length	572
Applicable Applications for anti-ME1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 92%; Dog: 85%; Horse: 92%; Human: 100%; Mouse: 100%; Pig: 91%; Rabbit: 100%; Rat: 100%; Sheep: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ME1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-ME1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: ME1
Sample Type: 293T
Antibody Dilution: 1.0ug/ml
ME1 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells



IHC (Immunohistochemistry)

Rabbit Anti-ME1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue
Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-ME1 antibody	This is a rabbit polyclonal antibody against ME1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ME1 is 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. 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. 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.
Product Categories/Family for anti-ME1 antibody	Polyclonal; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505143
NCBI GeneID	4199
NCBI Accession #	NP_002386
NCBI GenBank Nucleotide #	NM_002395
UniProt Accession #	P48163
Molecular Weight	64kDa
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
UniProt Entry Name	MAOX_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/me1-antibody-western-blot-immunohistochemistry-elisa/197465>