

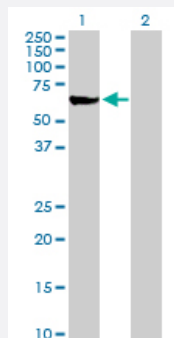
MaxPab®

ME1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004199-D01P

Size 100 ug

Applications

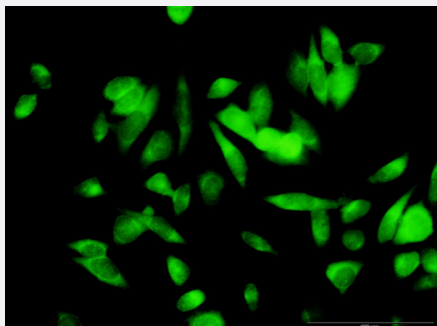


Western Blot (Transfected lysate)

Western Blot analysis of ME1 expression in transfected 293T cell line ([H00004199-T01](#)) by ME1 MaxPab polyclonal antibody.

Lane 1: ME1 transfected lysate(64.10 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ME1 on HeLa cell. [antibody concentration 30 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ME1 protein.

Immunogen

ME1 (NP_002386.1, 1 a.a. ~ 572 a.a) full-length human protein.

Sequence	MEPEAPRRRHTHQRGYLLTRNPHLNKDLAFTLEERQQLNIHGLLPSPFNSQEIQVLRVVKNFEHLN SDFDRYLLMLDLQDRNEKLFYRVLTSIEKFMPMYTPTVGLACQQYSLVFRKPRGLFITIHDRGHIA SVLNAWPEDVIKAMVTDGERILGLGDLGCNGMGIPVGKLALYTACGGMNPQECLPVILDVGTENE ELLKDPLYIGLRQRRVRGSEYDDFLDEFMEAVSSKYGMNCLIQFEDFANVNAFRLLNKYRNQYCT FNDDIQGTASVAVAGLLAALRITKNKLSQQTILFQQGAGEAALGIAHLVMALEKEGLPKEKAIAKKIWL VDSKGLVMKGRASLTQEKEKFAHEHEEMKNLEAVQEIKPTALIGVAAIGGAFSEQILKDMAAFNER PIIFALSNPTSKAECSAEQCYKITKGRAIFASGSPFDPVTLPNGQTLYPGQGNNSYVFPGVVALGVVA CGLRQITDNIFLTAEVIAQQVSDKHLEEGRLYPPLNTIRDVSLKIAEKIVKDAYQEKTATVYPEPQNK EAFVRSQMYSTDYDQILPDCYSWPPEEVQKIQTKVDQ
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of ME1 expression in transfected 293T cell line ([H00004199-T01](#)) by ME1 MaxPab polyclonal antibody.

Lane 1: ME1 transfected lysate(64.10 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ME1 on HeLa cell. [antibody concentration 30 ug/ml]

Gene Info — ME1

Entrez GeneID	4199
GeneBank Accession#	NM_002395.3
Protein Accession#	NP_002386.1
Gene Name	ME1
Gene Alias	HUMNDME, MES
Gene Description	malic enzyme 1, NADP(+)-dependent, cytosolic

Omim ID [154250](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations Malic enzyme, cytoplasmic|NADP-dependent malic enzyme|OTTHUMP00000016792|cytosolic malic enzyme 1|malate dehydrogenase|malic enzyme 1, soluble|pyruvic-malic carboxylase

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Carbon fixation in photosynthetic organisms](#)
- [Metabolic pathways](#)
- [PPAR signaling pathway](#)
- [Pyruvate metabolism](#)

Disease

- [Lung Neoplasms](#)