

ME3 Polyclonal Antibody

Catalog # AP70878

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q16798
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67068

Additional Information

Gene ID	10873
Other Names	ME3; NADP-dependent malic enzyme; mitochondrial; NADP-ME; Malic enzyme 3
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

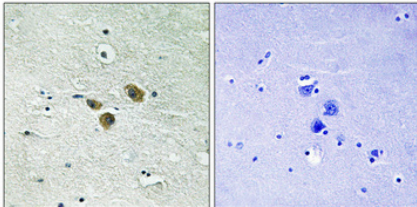
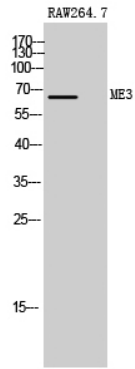
Protein Information

Name	ME3 (HGNC:6985)
Function	Catalyzes the oxidative decarboxylation of (S)-malate to pyruvate using NADP(+), and is able to reverse the reaction but only with significantly lower efficiency (PubMed: 7818469). Can also catalyze the decarboxylation of oxaloacetate into pyruvate (By similarity).
Cellular Location	Mitochondrion matrix.
Tissue Location	Expressed predominantly in organs with a low- division rate

Images

Western Blot analysis of RAW264.7 cells using ME3

Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.