

Product datasheet for **TA368708S**

ME3 Rabbit Polyclonal Antibody

Product data:

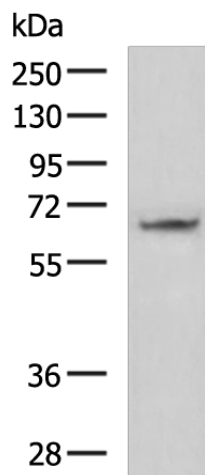
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse brain tissue lysate IHC: 50-100 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ME3
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	67 kDa
Gene Name:	malic enzyme 3
Database Link:	Entrez Gene 10873 Human Q16798

Background: Malic enzyme catalyzes the oxidative decarboxylation of malate to pyruvate using either NAD⁺ or NADP⁺ as a cofactor. Mammalian tissues contain 3 distinct isoforms of malic enzyme: a cytosolic NADP(+)-dependent isoform, a mitochondrial NADP(+)-dependent isoform, and a mitochondrial NAD(+)-dependent isoform. This gene encodes a mitochondrial NADP(+)-dependent isoform. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of some variants has not been determined.

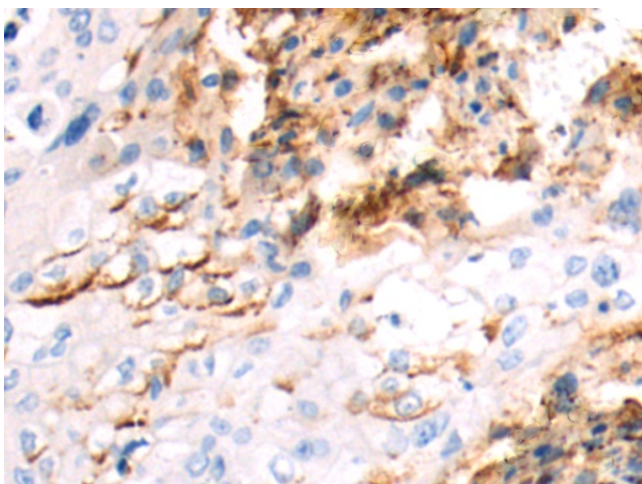
Synonyms: FLJ34862; NADP-ME



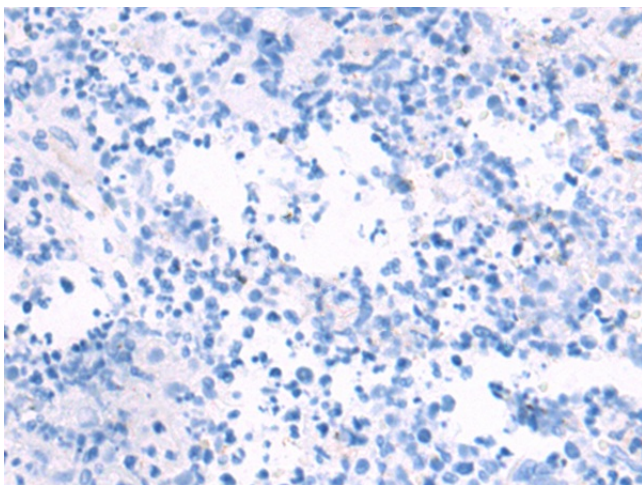
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Product images:

Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: Mouse brain tissue lysate
Primary antibody: [TA368708] (ME3 Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 3 minutes



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA368708] (ME3 Antibody) at dilution 1/50 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA368708] (ME3 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)