

CAB9650

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## Product Information

<b>Product SKU:</b>	CAB9650	<b>Gene ID:</b>	4200	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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## Additional Information

<b>Observed MW:</b>	55kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	65kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**Background:** This gene encodes a mitochondrial NAD-dependent malic enzyme, a homotetrameric protein, that catalyzes the oxidative decarboxylation of malate to pyruvate. It had previously been weakly linked to a syndrome known as Friedreich ataxia that has since been shown to be the result of mutation in a completely different gene. Certain single-nucleotide polymorphism haplotypes of this gene have been shown to increase the risk for idiopathic generalized epilepsy. Alternatively spliced transcript variants encoding different isoforms found for this gene.

**Recommended Dilution:** WB, 1:500 - 1:2000

**Synonyms:** ODS1; ME2

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 220-479 of human ME2 (NP\_001161807.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.