

CAB4007

Product Information

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| Product SKU: | CAB4007 | Gene ID: | 51103 | Size: | 20uL, 100uL |
| Clone No: | ARC2091 | Host Species: | Rabbit | Reactivity: | Human |

Additional Information

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|-----------------------|-------|-------------------|--------------|
| Observed MW: | 35kDa | Conjugate: | Unconjugated |
| Calculated MW: | 38kDa | Isotype: | IgG |

Immunogen Information

Background: This gene encodes a complex I assembly factor protein. Complex I (NADH-ubiquinone oxidoreductase) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. The encoded protein is required for assembly of complex I, and mutations in this gene are a cause of mitochondrial complex I deficiency. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 19.

Recommended Dilution: WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200

Synonyms: CGI65; CIA30; CGI-65; MC1DN11; NDUFAF1

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human NDUFAF1 (Q9Y375).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.