

NDUFAF1 Polyclonal Antibody

catalog number: E-AB-11425

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

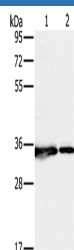
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|---------------------|--|
| Reactivity | Human;Mouse |
| Immunogen | Recombinant protein of human NDUFAF1 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

Applications

Recommended Dilution

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| WB | 1:500-1:2000 |
|-----------|--------------|

Data



Western Blot analysis of 231 and Jurkat cell using
NDUFAF1 Polyclonal Antibody at dilution of 1:500

Calculated-MW:38 kDa

Preparation & Storage

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| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

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.