

NDUS8 rabbit pAb**Cat#: orb772755 (Manual)**

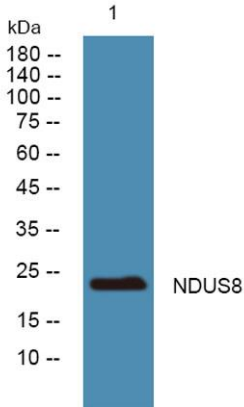
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| Product Name | NDUS8 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;ELISA |
| Species Cross-Reactivity | Human;Mouse |
| Recommended dilutions | WB 1:500-2000 ELISA 1:5000-20000 |
| Immunogen | Synthesized peptide derived from human protein . at AA range: 90-170 |
| Specificity | NDUS8 Polyclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23kD) (CI-23kD) (NADH-ubiquinone oxidoreductase 23 kDa subunit) (TYKY subunit) |
| Gene Name | NDUFS8 |
| Cellular localization | Mitochondrion inner membrane ; Peripheral membrane protein ; Matrix side . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

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| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 23kD |
| Human Gene ID | 4728 |
| Human Swiss-Prot Number | O00217 |
| Alternative Names | |

Background

This gene encodes a subunit of mitochondrial NADH:ubiquinone oxidoreductase, or Complex I, a multimeric enzyme of the respiratory chain responsible for NADH oxidation, ubiquinone reduction, and the ejection of protons from mitochondria. The encoded protein is involved in the binding of two of the six to eight iron-sulfur clusters of Complex I and, as such, is required in the electron transfer process. Mutations in this gene have been associated with Leigh syndrome. [provided by RefSeq, Mar 2010],



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night