



Rabbit anti-Human NDUF2 polyclonal antibody (CABT-B9669)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|---------------------------|---|
| Immunogen | Recombinant Protein, antigen sequence: MESHERQPLVLHEEMGECRSSLSAGGGVHIEPRYRQFPQLTRSQVFQSEFF SGLMWFILWRFWHDSEEVLGHPYPDPSPQWTDEELGIPPDDDED (1-95aa encoded by BC063026) |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | human, Mouse, Rat |
| Purification | Antigen affinity purification |
| Conjugate | Unconjugated |
| Applications | WB, IHC, ELISA |
| Molecular Weight | 12 kDa |
| Positive Control | human heart tissue |
| Format | Liquid |
| Size | 100 µl |
| Buffer | PBS with 0.02% sodium azide and 50% glycerol pH 7.3. |
| Storage | Store at -20°C. |

BACKGROUND

Introduction

The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays a important role in transferring electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Hydropathy analysis revealed that this subunit and 4 other subunits have an overall hydrophilic pattern, even though they are found within the hydrophobic protein (HP) fraction of complex I.

Keywords

NDUFB2; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2, 8kDa; AGGG; CI-AGGG; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 2, mitochondrial; complex I-AGGG; complex I AGGG subunit; NADH-ubiquinone oxidoreductase AGGG subunit;

GENE INFORMATION

Entrez Gene ID

[4708](#)

UniProt ID

[A4D1T5](#)