Datasheet for ABIN7598977

anti-NDUFB4 antibody (AA 1-129)

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Overview

Quantity:	100 µg
Target:	NDUFB4
Binding Specificity:	AA 1-129
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFB4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-NDUFB4 Antibody Picoband®
Immunogen:	E.coli-derived human NDUFB4 recombinant protein (Position: M1-Y129). Human NDUFB4 shares 75.2% amino acid (aa) sequence identity with mouse NDUFB4.
Characteristics:	Anti-NDUFB4 Antibody Picoband® (ABIN7598977). Tested in WB, ICC/IF, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	NDUFB4
Alternative Name:	NDUFB4 (NDUFB4 Products)
Background:	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 4, 15 kDa is a protein that in humans is encoded by the NDUFB4 gene. This gene encodes a non-catalytic subunit of the multisubunit NADH:ubiquinone oxidoreductase, the first enzyme complex in the mitochondrial electron transport chain (complex I). Mammalian complex I is composed of 45 different subunits and transfers electrons from NADH to ubiquinone.
Molecular Weight:	15 kDa
Gene ID:	4710
UniProt:	O95168

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Loeffen, J. L. C. M., Triepels, R. H., van den Heuvel, L. P., Schuelke, M., Buskens, C. A. F., Smeets, R. J. P., Trijbels, J. M. F., Smeitink, J. A. M. cDNA of eight nuclear encoded subunits of NADH:ubiquinone oxidoreductase: human complex I cDNA characterization completed. Biochem. Biophys. Res. Commun. 253: 415-422, 1998.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.