Datasheet for ABIN7599048

anti-NDUFB8 antibody (AA 1-186)

Go to Product page

Overview

Quantity:	100 µg
Target:	NDUFB8
Binding Specificity:	AA 1-186
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFB8 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-NDUFB8 Antibody Picoband®
Immunogen:	E.coli-derived human NDUFB8 recombinant protein (Position: M1-I186).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-NDUFB8 Antibody Picoband® (ABIN7599048). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB 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:	NDUFB8
Alternative Name:	NDUFB8 (NDUFB8 Products)
Background:	Synonyms: Glycerol-3-phosphate dehydrogenase 1-like protein, GPD1-L, GPD1L, KIAA0089 Tissue Specificity: Most highly expressed in heart tissue, with lower levels in the skeletal muscle, kidney, lung and other organs. Background: NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial is an enzyme that in humans is encoded by the NDUFB8 gene. Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
Molecular Weight:	19-22 kDa
Gene ID:	4714
UniProt:	O95169

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat Immunohistochemistry(Paraffin-embedded Section), 2-5 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. Dunbar, D. R., Shibasaki, Y., Dobbie, L., Andersson, B., Brookes, A. J. In situ hybridisation mapping of genomic clones for five human respiratory chain complex I genes. Cytogenet. Cell Genet. 78: 21-24, 1997. 2. Emahazion, T., Brookes, A. J. Mapping of the NDUFA2, NDUFA6, NDUFA7, NDUFB8, and NDUFS8 electron transport chain genes by intron based radiation hybrid mapping. Cytogenet. Cell Genet. 82: 114 only, 1998. 3. 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.