

Datasheet for ABIN7599559
anti-NDUFA3 antibody (AA 1-84)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NDUFA3
Binding Specificity:	AA 1-84
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFA3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Anti-NDUFA3 Antibody Picoband®
Immunogen:	E.coli-derived human NDUFA3 recombinant protein (Position: M1-L84).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-NDUFA3 Antibody Picoband® (ABIN7599559). Tested in ELISA, WB applications. This antibody reacts with Human, 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:	NDUFA3
Alternative Name:	NDUFA3 (NDUFA3 Products)
Background:	<p>Synonyms: Protein eva-1 homolog A, Protein FAM176A, Transmembrane protein 166, EVA1A, FAM176A, TMEM166, SP24</p> <p>Tissue Specificity: Expressed in lung, kidney, liver, pancreas, placenta, but not in heart and skeletal muscle.</p> <p>Background: NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3 is a protein that in humans is encoded by the NDUFA3 gene. Involved in mitochondrial respiratory chain complex I assembly. Located in mitochondrion. Part of mitochondrial respiratory chain complex I.</p>
Molecular Weight:	9 kDa
Gene ID:	4696
UniProt:	095167

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>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.</p>
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:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and</p>

thawing.