

Datasheet for ABIN2789137
anti-NDUFA8 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	NDUFA8
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Zebrafish (Danio rerio), Horse, Dog, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFA8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	LKAAAHHYGA QCDKPNKEFM LCRWEEKDPR RCLEEGKLVN KCALDFFRQI
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 93%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against NDUFA8. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NDUFA8
Alternative Name:	NDUFA8 (NDUFA8 Products)
Background:	The protein encoded by this gene belongs to the complex I 19 kDA subunit family. Mammalian

Target Details

complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays an important role in transferring electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

Alias Symbols: CI-19KD, CI-PGIV, MGC793, PGIV

Protein Interaction Partner: UBC, RNF31, KDM1A, MYC,

Protein Size: 172

Molecular Weight: 19 kDa

Gene ID: 4702

NCBI Accession: [NM_014222](#), [NP_055037](#)

UniProt: [P51970](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 172 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

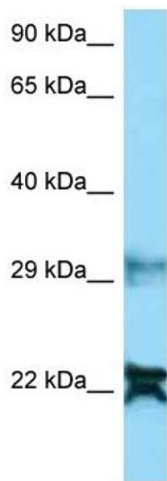
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-NDUFA8 Antibody Titration: 1.0 µg/mL

Positive Control: COLO205 Whole Cell

NDUFA8 is supported by BioGPS gene expression data to be expressed in COLO205



Rabbit Anti-NDUFA8 Antibody
Catalog Number: ARP62418
Lot Number: QC34043
Lane: COLO205 Cell Lysate

Antibody Titration: 1.0 µg/ml
Gel Concentration: 12%

Western Blotting

Image 2.