

Datasheet for ABIN7160937
anti-NDUFB8 antibody (AA 29-132)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	NDUFB8
Binding Specificity:	AA 29-132
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFB8 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial protein (29-132AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	NDUFB8
Alternative Name:	NDUFB8 (NDUFB8 Products)
Background:	Background: Accessory subunit of the mitochondrial membrane respiratory chain NADH

Target Details

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.

Aliases: ASH1 antibody, CI-ASH1 antibody, Complex I ASH1 subunit antibody, Complex I-ASH1 antibody, mitochondrial antibody, NADH dehydrogenase (ubiquinone) 1 beta subcomplex 8 19 kDa antibody, NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8 antibody, NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8 mitochondrial antibody, NADH-ubiquinone oxidoreductase ASH1 subunit antibody, NDUB8_HUMAN antibody, NDUFB8 antibody

UniProt: [O95169](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

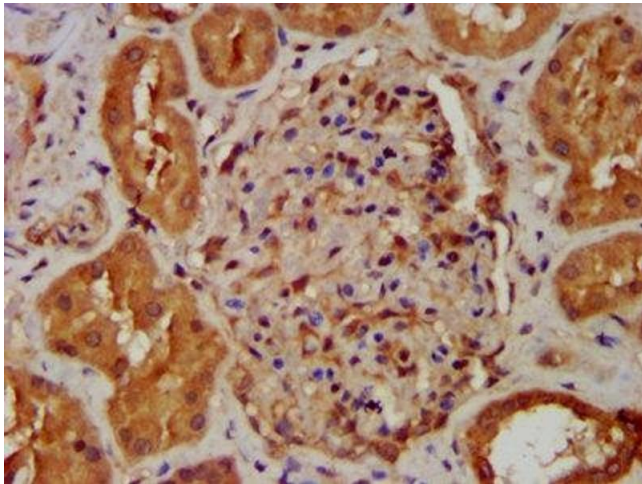
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

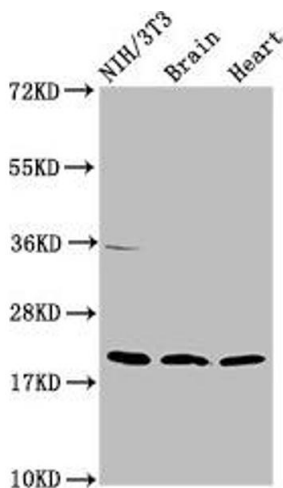
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



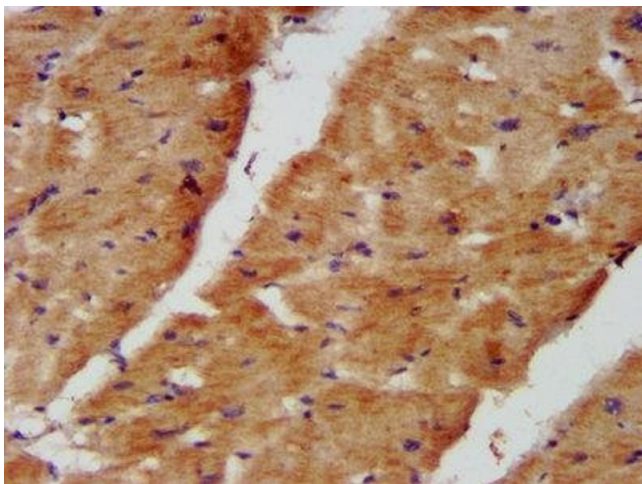
Immunohistochemistry

Image 1. IHC image of ABIN7160937 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: NIH/3T3 whole cell lysate, Rat brain tissue, Mouse heart tissue All lanes: NDUFB8 antibody at 2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 22, 21, 19 kDa Observed band size: 22 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7160937 diluted at 1:400 and staining in paraffin-embedded human heart tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.