

Datasheet for ABIN7160954
anti-NDUFS2 antibody (AA 297-427)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	NDUFS2
Binding Specificity:	AA 297-427
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial protein (297-427AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	NDUFS2
Alternative Name:	NDUFS2 (NDUFS2 Products)
Background:	Background: Core subunit of the mitochondrial membrane respiratory chain NADH

Target Details

dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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 (PubMed:12611891).

Aliases: CI 49 antibody, CI 49kD antibody, CI-49kD antibody, Complex 1, mitochondrial respiratory chain, 49 KD subunit antibody, Complex I 49kD antibody, Complex I 49 kDa subunit antibody, Complex I-49kD antibody, mitochondrial antibody, NADH dehydrogenase (ubiquinone) Fe S protein 2 49 kDa antibody, NADH dehydrogenase (ubiquinone) Fe S protein 2, 49 kDa (NADH coenzyme Q reductase) antibody, NADH dehydrogenase [ubiquinone] iron sulfur protein 2, mitochondrial antibody, NADH dehydrogenase [ubiquinone] iron-sulfur protein 2 antibody, NADH ubiquinone oxidoreductase 49 kDa subunit antibody, NADH ubiquinone oxidoreductase NDUFS2 subunit antibody, NADH-ubiquinone oxidoreductase 49 kDa subunit antibody, NADH:ubiquinone oxidoreductase core subunit S2 antibody, Ndufs2 antibody, NDUS2_HUMAN antibody

UniProt: [O75306](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

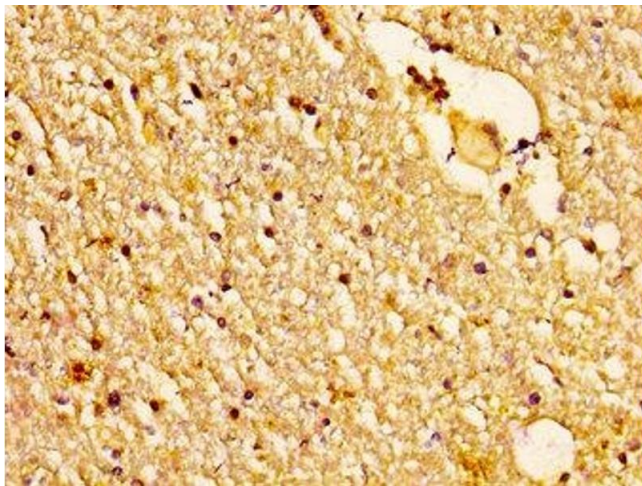
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

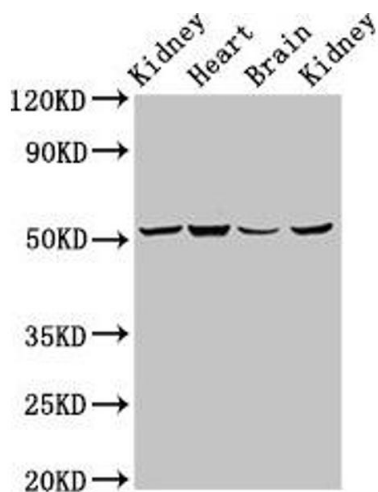
Storage: -20 °C,-80 °C

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



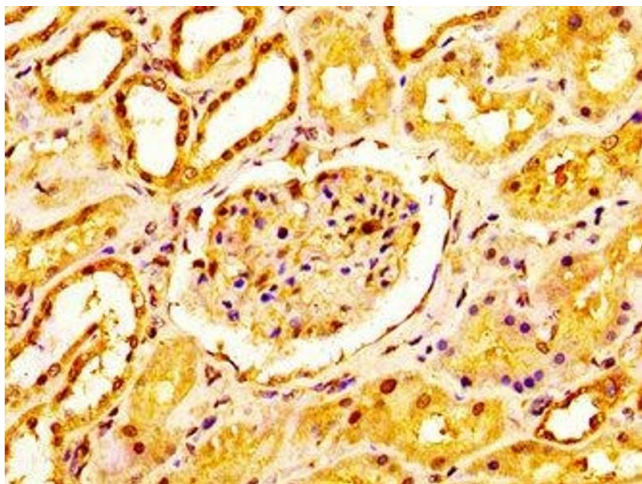
Immunohistochemistry

Image 1. IHC image of ABIN7160954 diluted at 1:200 and staining in paraffin-embedded human brain 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: Rat kidney tissue, Mouse heart tissue, Mouse brain tissue, Mouse kidney tissue All lanes: NDUFS2 antibody at 6.9 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 53, 52 kDa Observed band size: 53 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7160954 diluted at 1:200 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.