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Datasheet for ABIN7160929  
**anti-NDUFB6 antibody (AA 2-67)**

3 Images

Overview

Quantity:	100 µg
Target:	NDUFB6
Binding Specificity:	AA 2-67
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFB6 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6 protein (2-67AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	NDUFB6
Alternative Name:	NDUFB6 ( <a href="#">NDUFB6 Products</a> )
Background:	Background: Accessory subunit of the mitochondrial membrane respiratory chain NADH

## Target Details

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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: B17 antibody, CI antibody, CI B17 antibody, CI-B17 antibody, Complex I mitochondrial respiratory chain B17 subunit antibody, Complex I-B17 antibody, Complex IB17 antibody, MGC13675 antibody, NADH dehydrogenase (ubiquinone) 1 beta subcomplex subunit 6 antibody, NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6 antibody, NADH ubiquinone oxidoreductase B17 subunit antibody, NADH ubiquinone oxidoreductase beta subunit 6 antibody, NADH-ubiquinone oxidoreductase B17 subunit antibody, NDUB6\_HUMAN antibody, NDUFB6 antibody

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UniProt: [095139](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

## Handling

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Format: Liquid

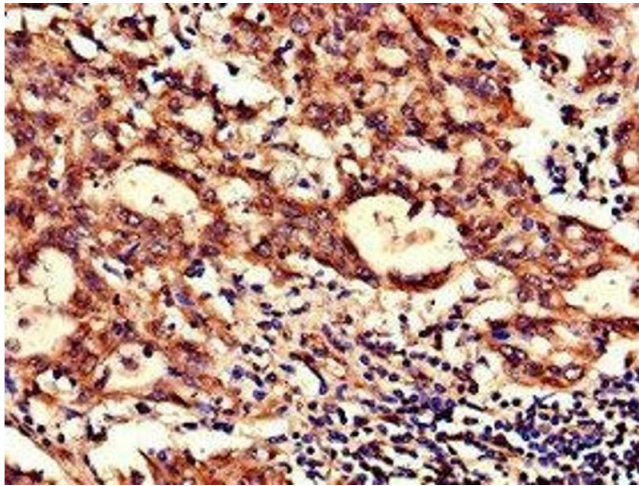
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

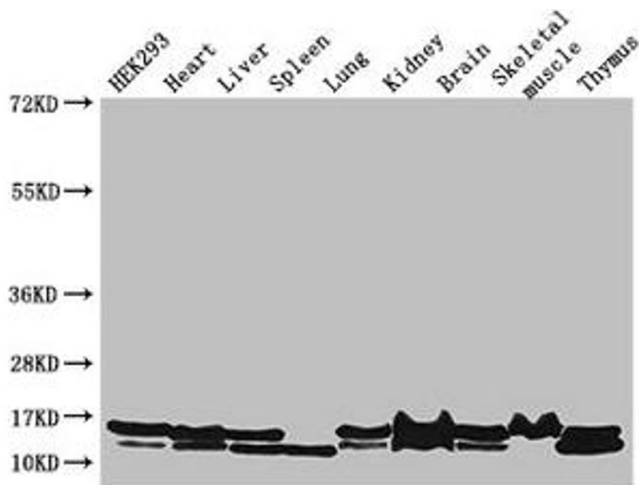
Storage: -20 °C,-80 °C

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



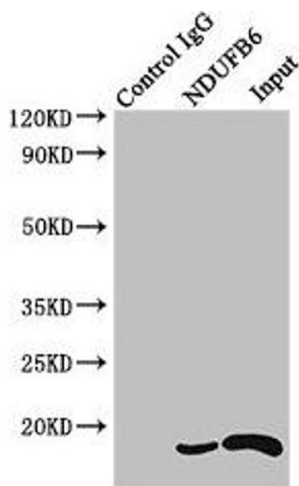
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7160929 at dilution of 1:100



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: HEK293 whole cell lysate, Mouse heart tissue, Mouse liver tissue, Mouse spleen tissue, Mouse lung tissue, Mouse kidney tissue, Mouse brain tissue, Mouse skeletal muscle tissue, Mouse thymus tissue All lanes: NDUF6 antibody at 3  $\mu$ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 16, 14 kDa Observed band size: 16, 14 kDa



### Western Blotting

**Image 3.** Immunoprecipitating NDUF6 in HEK293 whole cell lysate Lane 1: Rabbit control IgG instead of (1  $\mu$ g) instead of ABIN7160929 in HEK293 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: ABIN7160929 (4  $\mu$ g) + HEK293 whole cell lysate (500  $\mu$ g) Lane 3: HEK293 whole cell lysate (20  $\mu$ g)