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Datasheet for ABIN7268812  
**anti-NDUFB5 antibody (AA 100-189)**

1 Image

Overview

Quantity:	100 µL
Target:	NDUFB5
Binding Specificity:	AA 100-189
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFB5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	NDUFB5 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 100-189 of human NDUFB5 (NP_002483.1).
Sequence:	EIPEGYVPEH WEYKHPISR WIARNFYDSP EKİYERTMAV LQIEAEKAEKEL RVKELEVRKL MHVRGDGPWY YYETIDKELI DHSPKATPDN
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	NDUFB5
Alternative Name:	NDUFB5 ( <a href="#">NDUFB5 Products</a> )
Background:	<p>The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Three transcript variants encoding different isoforms have been found for this gene.</p> <p>gene, NDUFB5, CISGDH, SGDH, Cancer, Signal Transduction, Endocrine &amp; Metabolism, Mitochondrial metabolism, Mitochondrial markers, Oxidative phosphorylation, Neuroscience, Neurodegenerative Diseases, NDUFB5</p>
Molecular Weight:	15kDa/21kDa
Gene ID:	4711
UniProt:	<a href="#">O43674</a>

## Application Details

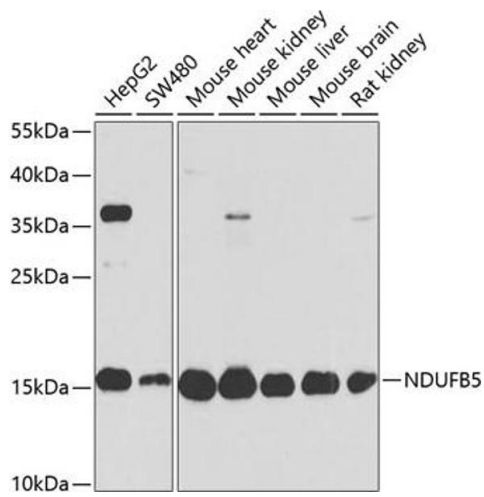
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Application Notes:	WB, 1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using NDUFB5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.