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Datasheet for ABIN2789282  
**anti-NDUFB10 antibody (C-Term)**

1 Image

Overview

Quantity:	100 µL
Target:	NDUFB10
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFB10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of NDUFB10
Sequence:	KVDQEIINIM QDRLKACQQR EGQNYQQNCI KEVEQFTQVA KAYQDRYQDL
Predicted Reactivity:	Dog: 79%, Guinea Pig: 93%, Horse: 79%, Human: 100%, Mouse: 93%, Rat: 93%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against NDUFB10. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NDUFB10
Alternative Name:	NDUFB10 ( <a href="#">NDUFB10 Products</a> )
Background:	NDUFB10 is an 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.

Alias Symbols: PDSW

Protein Interaction Partner: FAM9B, UBC, XRN1, UPF1, env, LIG4, UQCC3, Htt, NDUFS7, MARC1, NDUFB11, MRPL13, FKBP8, YBX3, NDUFV1, NDUFS1, NDUFB9, NDUFB7, NDUFA5, CYC1, HTR2A,

Protein Size: 172

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Molecular Weight: 19 kDa

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Gene ID: 4716

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NCBI Accession: [NM\\_004548](#), [NP\\_004539](#)

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UniProt: [O96000](#)

## Application Details

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

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Comment: Antigen size: 172 AA

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: Lot specific

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

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Preservative: Sodium azide

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

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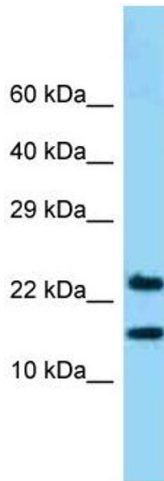
Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -20 °C

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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-NDUFB10 Antibody Titration:  
1.0 ug/ml Positive Control: Fetal kidney