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Datasheet for ABIN2782645

## anti-NDUFC2 antibody (N-Term)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	NDUFC2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFC2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NDUFC2
Sequence:	IARRNPEPLR FLPDEARSLP PPKLTDPRL YIGFLGYCSG LIDNLIRRRP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against NDUFC2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	NDUFC2
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## Target Details

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Alternative Name:	NDUFC2 ( <a href="#">NDUFC2 Products</a> )
Background:	<p>NDUFC2 is the accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I). It is believed to be not involved in catalysis reaction. 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.</p> <p>Alias Symbols: B14.5b, NADHDH2, HLC-1, CI-B14.5b</p> <p>Protein Interaction Partner: UBC, ELAVL1,</p> <p>Protein Size: 119</p>
Molecular Weight:	14 kDa
Gene ID:	4718
NCBI Accession:	<a href="#">NM_004549</a> , <a href="#">NP_004540</a>
UniProt:	<a href="#">O95298</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 119 AA
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
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.

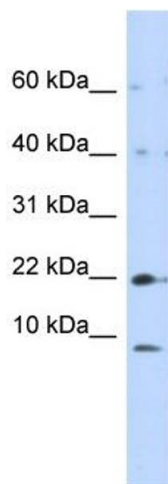
## Publications

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Product cited in: Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting, Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: **Nucleic acids research**, Vol. 34, Issue Database issue, pp. D415-8, (2005) ([PubMed](#)).

## Images

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### Western Blotting

**Image 1.** WB Suggested Anti-NDUFC2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 293T cell lysate NDUFC2 is supported by BioGPS gene expression data to be expressed in HEK293T