


## Product datasheet

# Anti-NDUFS8 antibody ab116327

1 Image

### Overview

<b>Product name</b>	Anti-NDUFS8 antibody
<b>Description</b>	Rabbit polyclonal to NDUFS8
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Drosophila melanogaster, Zebrafish 
<b>Immunogen</b>	Synthetic peptide corresponding to a region within C terminal amino acids 114-163 (CKLCEAICPA QAITIEAEPR ADGSRRTTRY DIDMTKCYC GFCQEACPVD) of Human NDUFS8 (NP_002487). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Jurkat cell lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	Constituents: 97% PBS, 2% Sucrose
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab116327** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

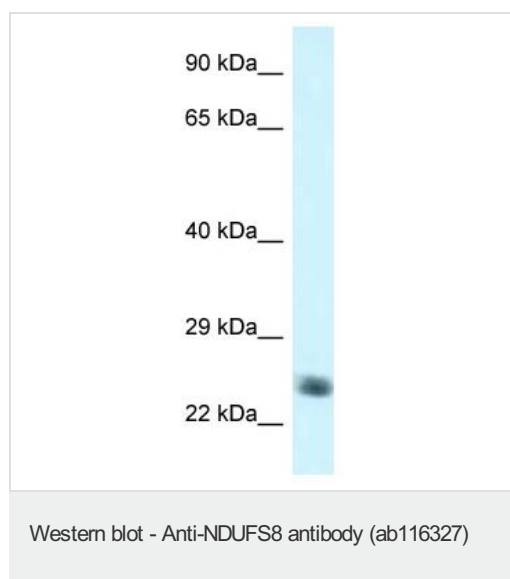
Application	Abreviews	Notes

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WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 24 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

<b>Function</b>	Core subunit of the mitochondrial membrane respiratory chain NADH 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 (By similarity). May donate electrons to ubiquinone.
<b>Involvement in disease</b>	Defects in NDUFS8 are a cause of Leigh syndrome (LS) [MIM:256000]. LS is a severe neurological disorder characterized by bilaterally symmetrical necrotic lesions in subcortical brain regions.
<b>Sequence similarities</b>	Belongs to the complex I 23 kDa subunit family. Contains 2 4Fe-4S ferredoxin-type domains.
<b>Cellular localization</b>	Mitochondrion.

## Images



Anti-NDUFS8 antibody (ab116327) at 1 µg/ml  
+ Jurkat cell lysate at 10 µg

**Predicted band size:** 24 kDa

Gel concentration 12%

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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