

Product datasheet

Anti-NDUFS8 antibody ab116327

1 Image

Overview

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

Properties

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

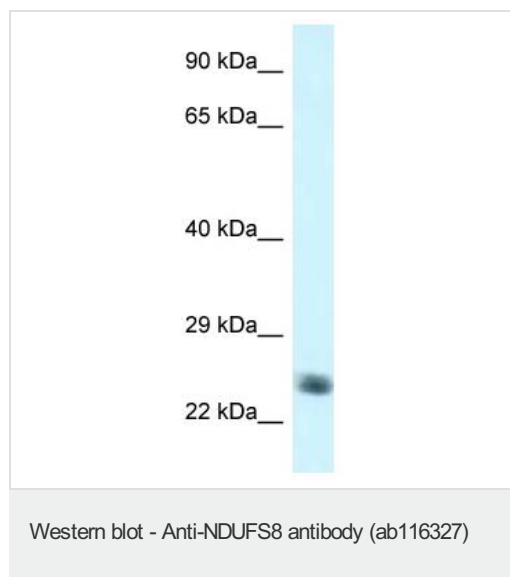
Application	Abreviews	Notes
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Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 24 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	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.
Involvement in disease	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.
Sequence similarities	Belongs to the complex I 23 kDa subunit family. Contains 2 4Fe-4S ferredoxin-type domains.
Cellular localization	Mitochondrion.

Images



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

Predicted band size: 24 kDa

Gel concentration 12%

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