.-online.com antibodies

Datasheet for ABIN953637 anti-NDUFS8 antibody (Middle Region)

2 Images



Overview

| Quantity: | 0.4 mL |
|----------------------|---|
| Target: | NDUFS8 |
| Binding Specificity: | Middle Region |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NDUFS8 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide selected from the Central region of human NDUFS8 |
|---------------|---|
| lsotype: | Ig Fraction |
| Specificity: | This antibody recognizes Human NDUFS8 (Center). |
| Purification: | Protein A column, followed by peptide affinity purification |

Target Details

| Target: | NDUFS8 |
|-------------------|--|
| Alternative Name: | NDUFS8 (NDUFS8 Products) |
| Background: | This gene encodes a subunit of mitochondrial NADH:ubiquinone oxidoreductase, or Complex I, |

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN953637 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

Target Details

| | a multimeric enzyme of the respiratory chain responsible for NADH oxidation, ubiquinone |
|---------------------|---|
| | reduction, and the ejection of protons from mitochondria. The encoded protein is involved in the |
| | binding of two of the six to eight iron-sulfur clusters of Complex I and, as such, is required in the |
| | electron transfer process. Mutations in this gene have been associated with Leigh |
| | syndrome.Synonyms: CI-23kD, Complex I-23kD, NADH dehydrogenase [ubiquinone] iron-sulfur |
| | protein 8, NADH-ubiquinone oxidoreductase 23 kDa subunit, TYKY subunit, mitochondrial |
| Molecular Weight: | 23705 Da |
| Gene ID: | 4728 |
| NCBI Accession: | NP_002487 |
| | |
| Application Details | |
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 0.25 mg/mL |
| Buffer: | PBS containing 0.09 % (W/V) Sodium Azide as preservative |
| 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 freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. |

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN953637 | 09/12/2023 | Copyright antibodies-online. All rights reserved.





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue reacted with NDUFS8 Antibody (Center) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of NDUFS8 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of NDUFS8 Antibody (Center) in Hela cell line lysates (35ug/lane). This demonstrates the NDUFS8 antibody detected the NDUFS8 protein (arrow).

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN953637 | 09/12/2023 | Copyright antibodies-online. All rights reserved.