Datasheet for ABIN1881570

# anti-NDUFB10 antibody (AA 43-70)

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## Overview

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|---|---|
| Quantity: | 400 µL |
| Target: | NDUFB10 |
| Binding Specificity: | AA 43-70 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NDUFB10 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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| Immunogen: | This NDUFB10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 43-70 amino acids from the Central region of human NDUFB10. |
| Clone: | RB45610 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | M |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

## Target Details

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| Target: | NDUFB10 |
| Alternative Name: | NDUFB10 (NDUFB10 Products) |

## Target Details

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| Background: | Accessory subunit of the mitochondrial membrane respiratory chain NADH 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. |
| Molecular Weight: | 20777 |
| NCBI Accession: | NP_004539 |
| UniProt: | O96000 |

## Application Details

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| Application Notes: | WB: 1:1000 |
| Restrictions: | For Research Use only |

## Handling

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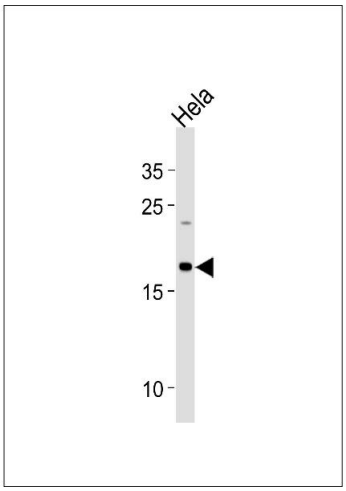
|---|---|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Expiry Date: | 6 months |

## Publications

| | |
|---|---|
| Product cited in: | Akpa, Oyejola: "Modeling the transmission dynamics of HIV/AIDS epidemics: an introduction and a review." in: **Journal of infection in developing countries**, Vol. 4, Issue 10, pp. 597-608, ( 2010) (PubMed).<br><br>Kladney, Cardiff, Kwiatkowski, Chiang, Weber, Arbeit, Lu: "Tuberous sclerosis complex 1: an epithelial tumor suppressor essential to prevent spontaneous prostate cancer in aged mice." in: **Cancer research**, Vol. 70, Issue 21, pp. 8937-47, (2010) (PubMed). |




## Western Blotting

**Image 1.** NDUFB10 Antibody (Center) (ABIN1881570 and ABIN2843422) western blot analysis in Hela cell line lysates (35 µg/lane).This demonstrates the NDUFB10 antibody detected the NDUFB10 protein (arrow).