

Datasheet for ABIN571200

anti-NDUFS7 antibody (Internal Region)**3** Images[Go to Product page](#)

Overview

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|----------------------|--|
| Quantity: | 100 µg |
| Target: | NDUFS7 |
| Binding Specificity: | Internal Region |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This NDUFS7 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC), Western Blotting (WB) |

Product Details

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|-------------------|---|
| Purpose: | NDUFS7 |
| Immunogen: | C-SRGEYVVAKLD |
| Sequence: | SRGEYVVAKL D |
| Isotype: | IgG |
| Cross-Reactivity: | Cow, Dog, Human, Mouse, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

Target Details

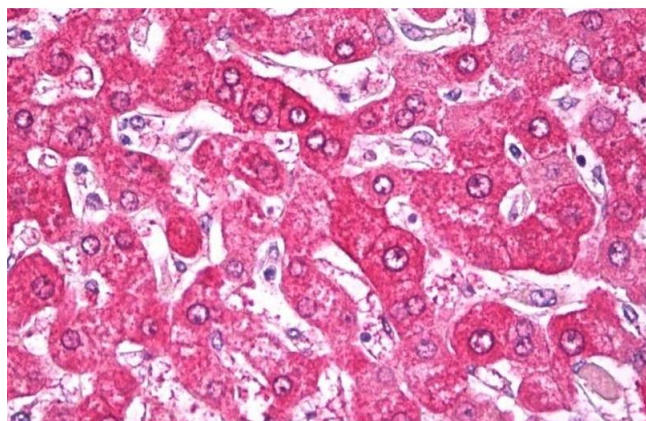
| | |
|-------------------|--|
| Target: | NDUFS7 |
| Alternative Name: | NDUFS7 (NDUFS7 Products) |
| Background: | NDUFS7, NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20 kDa (NADH-coenzyme Q reductase), CI-20KD, FLJ45860, FLJ46880, MGC120002, MY017, PSST, NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial, NADH-coenzyme Q reductase, NADH-ubiquinon |
| Gene ID: | 374291, 75406, 362837 |
| NCBI Accession: | NP_077718 |

Application Details

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|--------------------|---|
| Application Notes: | Immunohistochemistry: Paraffin embedded Human Brain (Cortex) and Liver. Recommended concentration: 5 µg/mL. Western Blot: Approx 20 kDa band observed in Human Heart and Human Skeletal Muscle lysates (calculated MW of 23.6 kDa according to NP_077718.3). Recommended concentration: 1-3 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:16000. |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| 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: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |



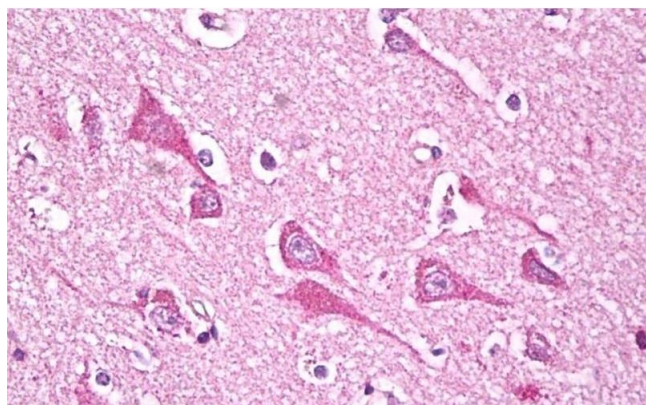
Immunohistochemistry

Image 1. ABIN571200 (5 µg/mL) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. (0.1 µg/mL) staining of Human Heart lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN571200 (5 µg/mL) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.