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Datasheet for ABIN1701473

**anti-NDUFAF7 antibody (AA 101-200) (Biotin)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | NDUFAF7  |
| Binding Specificity: | AA 101-200   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This NDUFAF7 antibody is conjugated to Biotin  |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunohistochemistry (Frozen Sections) (IHC (fro)), ELISA |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human C2orf56 |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human, Mouse, Rat, Cow, Sheep, Pig, Rabbit                  |
| Purification:         | Purified by Protein A.                                      |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | NDUFAF7  |
| Alternative Name: | C2orf56 ( <a href="#">NDUFAF7 Products</a> )                             |
| Background:       | Synonyms: C2orf56, Chromosome 2 open reading frame 56, MidA, MIDA_HUMAN, |

## Target Details

mitochondrial, Mitochondrial dysfunction protein A homolog, OTTHUMP00000158583, OTTHUMP00000201359, OTTHUMP00000201362, PRO1853, Protein midA homolog, Protein midA homolog, mitochondrial.

Background: C12orf56 (chromosome 12 open reading frame 56), also known as PRO1853 or protein midA homolog, is a 441 amino acid mitochondrial protein that belongs to the midA family. Existing as two alternatively spliced isoforms, C12orf56 is encoded by a gene that maps to human chromosome 2p22.2. As the second largest human chromosome, chromosome 2 makes up approximately 8 % of the human genome and contains 237 million bases encoding over 1,400 genes. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr syndrome, is related to mutations in the ALMS1 gene. Chromosome 2 contains a probable vestigial second centromere as well as vestigial telomeres, which gives credence to the hypothesis that human chromosome 2 formed as a result of an ancient fusion of two ancestral chromosomes, which are still present in modern day apes.

Gene ID: 55471

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Handling

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|                  |                               |
|------------------|-------------------------------|
| Storage Comment: | Store at -20°C for 12 months. |
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|--------------|-----------|
| Expiry Date: | 12 months |
|--------------|-----------|