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Datasheet for ABIN1711980  
**anti-ISCA1 antibody (AA 1-100) (HRP)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | ISCA1  |
| Binding Specificity: | AA 1-100   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This ISCA1 antibody is conjugated to HRP   |
| Application:         | ELISA, Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human HBLD2 |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Sheep,Horse,Rabbit                    |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | ISCA1   |
| Alternative Name: | HBLD2 ( <a href="#">ISCA1 Products</a> )  |
| Background:       | Synonyms: GK004, HESB-like domain-containing protein 2, hlscA, Iron sulfur assembly protein |

## Target Details

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IscA, Iron-sulfur cluster assembly 1 homolog, mitochondrial, ISCA1, ISCA1\_HUMAN.

Background: ISCA1 is a mitochondrial protein involved in the biogenesis and assembly of iron-sulfur clusters, which play a role in electron-transfer reactions (Cozar-Castellano et al., 2004 [PubMed 15262227]).

## Application Details

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

Restrictions: For Research Use only

## Handling

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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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months