

[Go to Product page](#)

Datasheet for ABIN7159963

**anti-SLC25A37 antibody (AA 1-44) (Biotin)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg   |
| Target:              | SLC25A37                                       |
| Binding Specificity: | AA 1-44  |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal                                     |
| Conjugate:           | This SLC25A37 antibody is conjugated to Biotin |
| Application:         | ELISA  |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant Human Mitoferrin-1 protein (1-44AA) |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | >95%, Protein G purified                        |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | SLC25A37   |
| Alternative Name: | SLC25A37 ( <a href="#">SLC25A37 Products</a> )   |
| Background:       | Background: Mitochondrial iron transporter that specifically mediates iron uptake in developing erythroid cells, thereby playing an essential role in heme biosynthesis. The iron delivered into |

## Target Details

the mitochondria, presumably as Fe(2+), is then probably delivered to ferrochelatase to catalyze Fe(2+) incorporation into protoporphyrin IX to make heme (By similarity).

Aliases: SLC25A37 antibody, MFRN antibody, MSCP antibody, HT015Mitoferrin-1 antibody, Mitochondrial iron transporter 1 antibody, Mitochondrial solute carrier protein antibody, Solute carrier family 25 member 37 antibody

UniProt: [Q9NYZ2](#)

Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.