

Datasheet for ABIN7434959

**anti-SLC40A1 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	SLC40A1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC40A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Ferroportin (FPN)
Immunogen:	Recombinant Ferroportin (FPN) corresponding to N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against FPN. It has been selected for its ability to recognize FPN in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	SLC40A1
Alternative Name:	Ferroportin ( <a href="#">SLC40A1 Products</a> )

## Target Details

Background: SLC40A1, FPN1, HFE4, IREG1, MTP1, SLC11A3, Solute Carrier Family 40, Member 1, Iron-Regulated Transporter

Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

Application Notes: Western blotting: 0.5-2 µg/mL  
Immunohistochemistry: 5-20 µg/mL  
Immunocytochemistry: 5-20 µg/mL  
Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

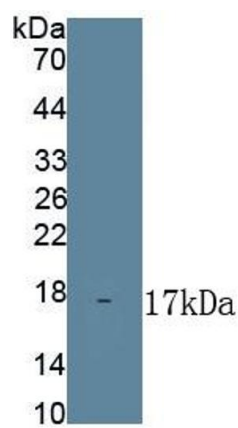
Preservative: Sodium azide

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

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 24 months



Western Blotting

**Image 1.** Detection of Recombinant Ferroportin, Mouse using Polyclonal Antibody to Ferroportin (FPN)