

Datasheet for ABIN7434956
anti-SLC40A1 antibody (AA 127-321)

2 Images

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Overview

Quantity:	100 µL
Target:	SLC40A1
Binding Specificity:	AA 127-321
Reactivity:	Human
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 Trp127~Val321 with N-terminal His and GST 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.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

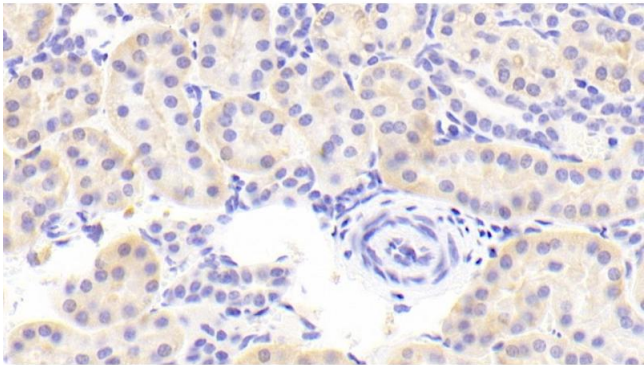
Target:	SLC40A1
Alternative Name:	Ferroportin (SLC40A1 Products)
Background:	SLC40A1, FPN1, HFE4, IREG1, MTP1, SLC11A3, Solute Carrier Family 40,Member 1, Iron-Regulated Transporter
Pathways:	Transition Metal Ion Homeostasis

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

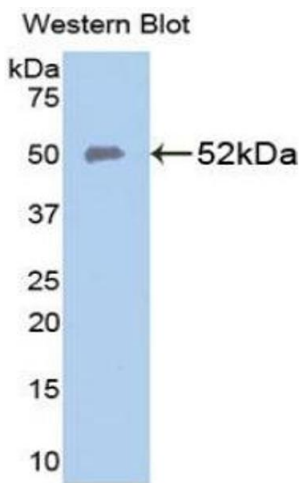
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	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



Immunohistochemistry

Image 1. Detection of FPN in Human Kidney Tissue using Polyclonal Antibody to Ferroportin (FPN)



Western Blotting

Image 2. Detection of Recombinant FPN, Human using Polyclonal Antibody to Ferroportin (FPN)