

# Ferroportin Polyclonal Antibody

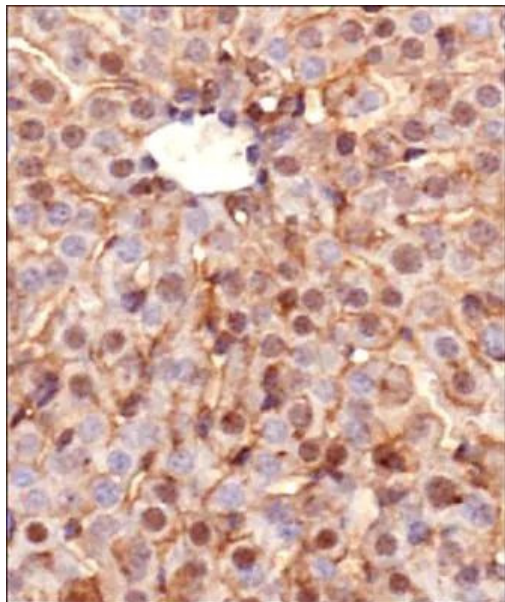
Product Details	
Size	100 µL
Species Reactivity	Bovine, Human, Mouse, Pig, Rat
Published Species	Mouse, Human, Rhesus monkey
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide made to an internal portion of the human protein (within residues 250-300).
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11154326

Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	3 Publications
Immunohistochemistry (IHC)	-	3 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:200	-
Immunocytochemistry (ICC/IF)	1:500	-
Flow Cytometry (Flow)	1 µg/mL	-

## Product Specific Information

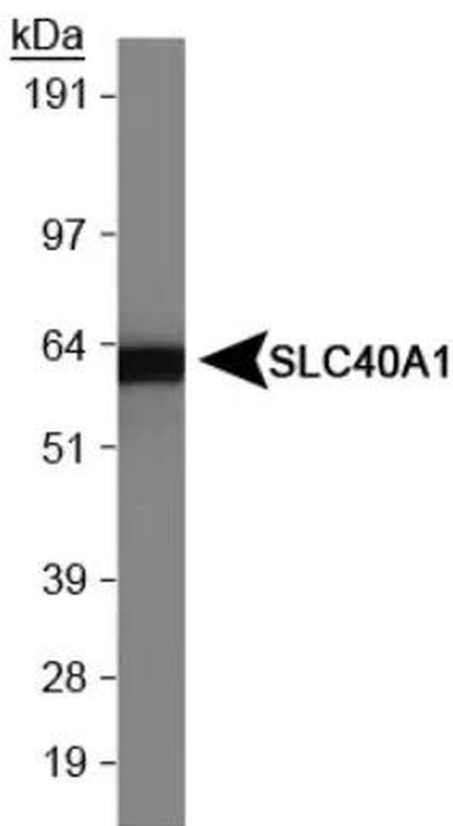
Suggested positive control: human intestine protein.

## Product Images For Ferroportin Polyclonal Antibody



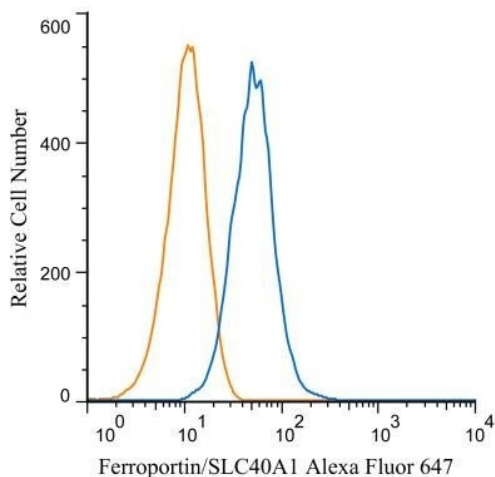
#### Ferroportin Antibody (PA5-22993) in IHC (P)

Immunohistochemical analysis of Ferroportin in murine liver section. Samples were incubated in Ferroportin polyclonal antibody (Product # PA5-22993) using a dilution of 1:200. The representative image shows intense staining in the cellular membranes, whereas, a relatively milder positivity was observed in the cytoplasm of hepatocytes.



#### Ferroportin Antibody (PA5-22993) in WB

Western blot analysis of Ferroportin in human intestine lysate (Molecular weight: 62.5 KDa). Sample was incubated in Ferroportin polyclonal antibody (Product # PA5-22993).



#### Ferroportin Antibody (PA5-22993) in Flow

Flow cytometry of Ferroportin in HepG2 cells. Samples were incubated in Ferroportin polyclonal antibody (Product # PA5-22993) using a dilution of 5 µg/mL for 30 minutes at room temperature. Antibody (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Both antibodies were conjugated to Alexa Fluor 647.

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6 References

Western Blot (3)

<b>Drug metabolism and disposition: the biological fate of chemicals</b> <b>Effect of Chronic Cadmium Exposure on Brain and Liver Transporters and Drug-Metabolizing Enzymes in Male and Female Mice Genetically Predisposed to Alzheimer's Disease.</b> "PA5-22993 was used in Western Blotting to investigate the Cd-ApoE interaction on the transcriptomic changes in the brains and livers of ApoE3/ApoE4 transgenic mice." Authors: Wang H,Zhang L,Xia Z,Cui JY	<b>Year</b> 2022  <b>Species</b> Mouse  <b>Dilution</b> 1:1000
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<b>Scientific reports</b> <b>Knocking out alpha-synuclein in melanoma cells dysregulates cellular iron metabolism and suppresses tumor growth.</b> "PA5-22993 was used in Western Blotting to probe the function of -syn in melanoma." Authors: Shekoohi S,Rajasekaran S,Patel D,Yang S,Liu W,Huang S,Yu X,Witt SN	<b>Year</b> 2021  <b>Species</b> Human
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View more WB references on [thermofisher.com](https://thermofisher.com)

Immunohistochemistry (3)

<b>FASEB journal : official publication of the Federation of American Societies for Experimental Biology</b> <b>Gestational diabetes mellitus affects placental iron homeostasis: Mechanism and clinical implications.</b> "PA5-22993 was used in Immunohistochemistry to compare the expression of genes/proteins involved in iron homeostasis in placentae from GDM and healthy pregnancies (n = 11 each)." Authors: Zaugg J,Melhem H,Huang X,Wegner M,Baumann M,Surbek D,Körner M,Albrecht C	<b>Year</b> 2020  <b>Species</b> Human
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<b>Cellular and molecular gastroenterology and hepatology</b> <b>Iron Prevents Hypoxia-Associated Inflammation Through the Regulation of Nuclear Factor-B in the Intestinal Epithelium.</b> "PA5-22993 was used in Immunohistochemistry to elucidate how iron influences the responses to hypoxia in the intestinal epithelium." Authors: Simmen S,Cosin-Roger J,Melhem H,Maliachovas N,Maane M,Baebler K,Weder B,Maeyashiki C,Spanaus K,Scharl M,de Vallière C,Zeitz J,Vavricka SR,Hausmann M,Rogler G,Ruiz PA	<b>Year</b> 2019  <b>Species</b> Human  <b>Dilution</b> 1:500
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