

Rabbit SLC40A1 Polyclonal Antibody | anti-SLC40A1 antibody

SLC40A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329097	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(88%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Chicken(100%), Xenopus(100%)	ELISA

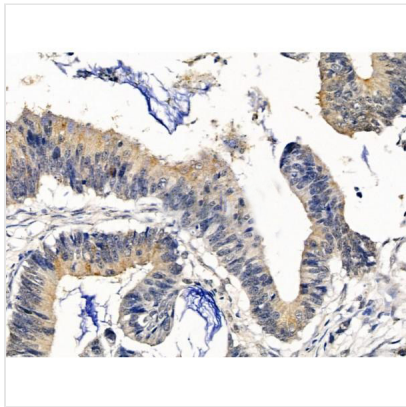
PRODUCT SYNONYMS

SLC40A1; Polyclonal Antibody; SLC40A1 Antibody; Ferroportin 1; Ferroportin; Ferroportin-1; FPN1; HFE4; IREG1; iron regulated gene 1; Iron regulated transporter 1; Iron-regulated transporter 1; MST079; MSTP079; MTP1; putative ferroportin 1 variant IIIA; putative ferroportin 1 variant IIIB; S40A1_HUMAN; SLC11A3; formerly; solute carrier family 11 (proton-coupled divalent metal ion transporters); member 3; solute carrier family 40 (iron-regulated transporter); member 1; Solute carrier family 40 member 1; anti-SLC40A1 antibody

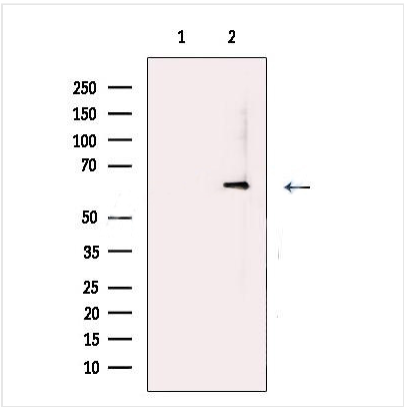
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(88%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Chicken(100%), Xenopus(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC40A1 Antibody detects endogenous levels of total SLC40A1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	25
Applicable Applications for anti-SLC40A1 antibody	ELISA
Immunogen	A synthesized peptide derived from human SLC40A1, corresponding to a region within N-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA329097 at 1/100 staining Human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Human skeletal muscle, using SLC40A1 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC40A1 antibody	Function: May be involved in iron export from duodenal epithelial cell and also in transfer of iron between maternal and fetal circulation. Mediates iron efflux in the presence of a ferroxidase (hephaestin and/or ceruloplasmin).
	Subcellular Location: Cell membrane>Multi-pass membrane protein. Note: Localized to the basolateral membrane of polarized epithelial cells.
	Tissue Specificity: Detected in erythrocytes (at protein level). Expressed in placenta, intestine, muscle and spleen.
	Subunit Structure: Identified in a complex with STOM.
	Similarity: Belongs to the ferroportin (FP) (TC 2.A.100) family. SLC40A subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	67633296
NCBI GeneID	30061
UniProt Accession #	Q9NP59
Molecular Weight	Observed Molecular Weight: (Observed)62kD. Predicted Molecular Weight: (Calculated)63kDa.
NCBI Official Full Name	ferroportin 1 variant I, partial
NCBI Official Synonym Full Names	solute carrier family 40 member 1
NCBI Official Symbol	SLC40A1
NCBI Official Synonym Symbols	FPN1; HFE4; MTP1; IREG1; MST079; MSTP079; SLC11A3
NCBI Protein Information	solute carrier family 40 member 1
UniProt Protein Name	Solute carrier family 40 member 1
UniProt Gene Name	SLC40A1
UniProt Synonym Gene Names	FPN1; IREG1; SLC11A3
UniProt Entry Name	S40A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc40a1-antibody-elisa/329097>