

Rabbit SLC40A1 Polyclonal Antibody | anti-SLC40A1 antibody

SLC40A1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199354	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	Immunohistochemistry, Western Blot

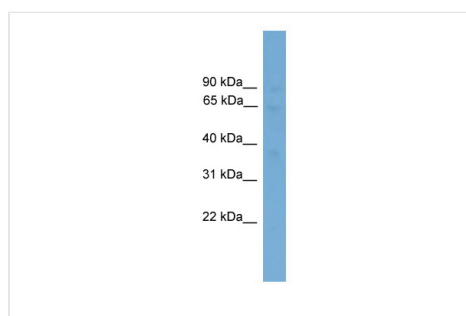
PRODUCT SYNONYMS

SLC40A1; Polyclonal Antibody; SLC40A1 antibody - middle region; anti-SLC40A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: GS PLDLSVSPFE DIRSRFIQGE SITPTKIPEI TTEIYMSNGS NSANIVPE
Sequence Length	571
Applicable Applications for anti-SLC40A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 86%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC40A1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

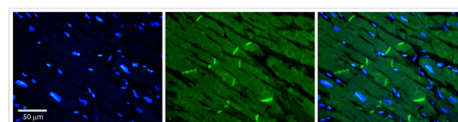
IMAGES



WB (Western Blot)

WB Suggested Anti-SLC40A1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive

Control: HepG2 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-SLC40A1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart

Tissue Observed Staining: Plasma membrane in intercalated disk Primary Antibody

Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-

Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 -

2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-SLC40A1 antibody	This is a rabbit polyclonal antibody against SLC40A1. It was validated on Western Blot Target Description: The protein encoded by this gene is a cell membrane protein that may be involved in iron export from duodenal epithelial cells. Defects in this gene are a cause of hemochromatosis type 4 (HFE4).
Product Categories/Family for anti-SLC40A1 antibody	Polyclonal; Ion Channel; Membrane & Traffic; Cell Structure

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657100
NCBI GeneID	30061
NCBI Accession #	NP_055400
NCBI GenBank Nucleotide #	NM_014585
UniProt Accession #	Q9NP59
Molecular Weight	62kDa
NCBI Official Full Name	solute carrier family 40 member 1
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-immunohistochemistry-western-blot-elisa/199354>