

Rabbit anti-Human, Rat SLC39A1 Polyclonal Antibody | anti-SLC39A1 antibody

SLC39A1 Antibody

CATALOG # AAA325279	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
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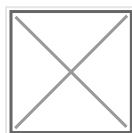
PRODUCT SYNONYMS

SLC39A1; Polyclonal Antibody; SLC39A1 Antibody; hZIP1; IRT1; S39A1_HUMAN; Solute carrier family 39 member 1; Zinc transporter ZIP1; Zinc-iron-regulated transporter-like; ZIP-1; ZIP1; ZIRTL; Zrt-and Irt-like protein 1; anti-SLC39A1 antibody

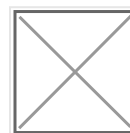
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC39A1 antibody detects endogenous levels of total SLC39A1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	324
Applicable Applications for anti-SLC39A1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane. Endoplasmic Reticulum Membrane. Shows a vesicular localization corresponding partially to the endoplasmic reticulum in several epithelial cell lines.
Tissue Specificity	Ubiquitous. Expressed in most adult and fetal tissues including the epidermis.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (85%), Bovine (85%), Horse (85%), Sheep (85%), Rabbit (85%), Dog (85%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from various samples, using SLC39A1 Antibody. lane 1: HepG2; lane 2: rat brain;


WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using SLC39A1 antibody.



IF (Immunofluorescence)

AAA325279 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC39A1 antibody	Function: Mediates zinc uptake. May function as a major endogenous zinc uptake transporter in many cells of the body. Responsible for the rapid uptake and accumulation of physiologically effective zinc in prostate cells. Similarity: Belongs to the ZIP transporter (TC 2.A.5) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	430768587
NCBI GeneID	27173
NCBI Accession #	NP_001258886.1
NCBI GenBank Nucleotide #	NM_001271957.1
UniProt Accession #	Q9NY26; Q5T4K1; Q8N2H7; Q9BTV0; Q9UBI7; Q9Y2Z7; Q9Y380; B4DDY7
Molecular Weight	Observed: 38 kD Predicted: 35 kDa
NCBI Official Full Name	zinc transporter ZIP1 isoform a
NCBI Official Synonym Full Names	solute carrier family 39 member 1
NCBI Official Symbol	SLC39A1
NCBI Official Synonym Symbols	ZIP1; ZIRTL
NCBI Protein Information	zinc transporter ZIP1
UniProt Protein Name	Zinc transporter ZIP1
UniProt Gene Name	SLC39A1
UniProt Synonym Gene Names	IRT1; ZIP1; ZIRTL; ZIP-1; hZIP1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc39a1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325279>