

Rabbit anti-Human, Mouse SLC30A1 Polyclonal Antibody | anti-SLC30A1 antibody

SLC30A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325274	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

SLC30A1; Polyclonal Antibody; SLC30A1 Antibody; SLC30 A1; SLC30A 1; Solute carrier family 30 (zinc transporter); member 1; member1; Solute carrier family 30 member 1; Solute carrier family 30; Zinc transporter 1; Zinc transporter1; ZNT 1; ZnT-1; ZNT1_HUMAN; ZRC 1; ZRC1; anti-SLC30A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC30A1 antibody detects endogenous levels of total SLC30A1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	507
Applicable Applications for anti-SLC30A1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SLC30A1, corresponding to a region within the internal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325274 staining HeLa by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AAA325274 1:200) and mouse anti-beta tubulin Ab (1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG (H+L) Ab (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG (H+L) Ab (Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



IF (Immunofluorescence)

AAA325274 staining LOVO 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°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from LOVO cells, using SLC30A1 antibody. The lane on the left is treated with the antigen-specific peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	52352803
NCBI GeneID	7779
NCBI Accession #	NP_067017.2
NCBI GenBank Nucleotide #	NM_021194.2
UniProt Accession #	Q9Y6M5; Q0VAK9; Q9BZF6
Molecular Weight	55-70kD
NCBI Official Full Name	zinc transporter 1
NCBI Official Synonym Full Names	solute carrier family 30 member 1
NCBI Official Symbol	SLC30A1
NCBI Official Synonym Symbols	ZNT1; ZRC1
NCBI Protein Information	zinc transporter 1
UniProt Protein Name	Zinc transporter 1
UniProt Gene Name	SLC30A1
UniProt Synonym Gene Names	ZNT1; ZnT-1

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/slc30a1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325274>