

Rabbit SLC44A1 Polyclonal Antibody | anti-SLC44A1 antibody

SLC44A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325425	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

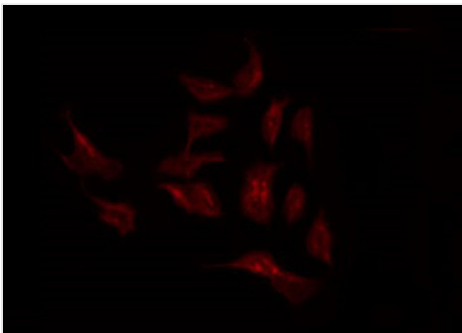
PRODUCT SYNONYMS

SLC44A1; Polyclonal Antibody; SLC44A1 Antibody; CD 92; CD92; CD92 antigen; CD92 protein; CDW 92; CDw92; CDW92 antigen; Choline transporter like protein 1; Choline transporter-like protein 1; CHTL 1; CHTL1; CTL 1; CTL1; CTL1_HUMAN; RP11 287A8.1; slc44a1; Solute carrier family 44 member 1; anti-SLC44A1 antibody

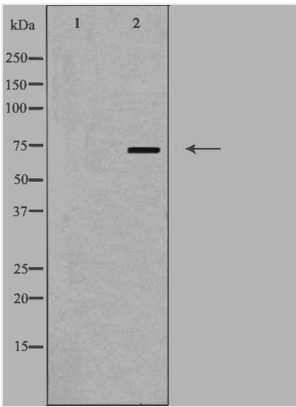
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC44A1 antibody detects endogenous levels of total SLC44A1
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	652
Applicable Applications for anti-SLC44A1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane. Mitochondrion Outer Membrane.
Tissue Specificity	Expressed in various cells of the hematopoietic system.
Predicted Cross Reactivity	Pig, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA325425 staining K562 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) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from K562 cells, using SLC44A1 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC44A1 antibody	Function: Choline transporter. May be involved in membrane synthesis and myelin production. Similarity: Belongs to the CTL (choline transporter-like) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	557878666
NCBI GeneID	23446
NCBI Accession #	NP_001273659.1
NCBI GenBank Nucleotide #	NM_001286730.1
UniProt Accession #	Q8WWI5; Q5VUB3; Q8WVB0; Q96KU3; Q9NY69; A6NLZ9
Molecular Weight	Observed: 73 kD Predicted: 74 kDa
NCBI Official Full Name	choline transporter-like protein 1 isoform b
NCBI Official Synonym Full Names	solute carrier family 44 member 1
NCBI Official Symbol	SLC44A1
NCBI Official Synonym Symbols	CD92; CTL1; CDW92; CHTL1
NCBI Protein Information	choline transporter-like protein 1
UniProt Protein Name	Choline transporter-like protein 1
UniProt Gene Name	SLC44A1
UniProt Synonym Gene Names	CD92; CDW92; CTL1

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.