

Rabbit SLC3A2 Polyclonal Antibody | anti-SLC3A2 antibody

SLC3A2 Polyclonal Antibody

CATALOG # AAA280177	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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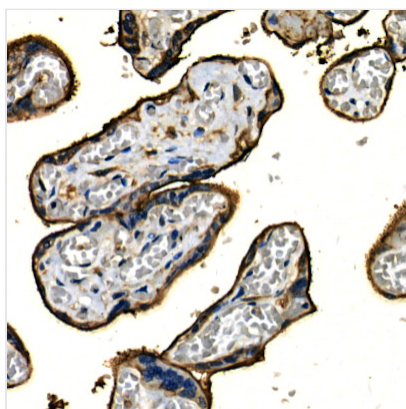
PRODUCT SYNONYMS

SLC3A2; Polyclonal Antibody; SLC3A2 Polyclonal Antibody; 4F2; CD98; MDU1; 4F2HC; 4T2HC; NACAE; CD98HC; anti-SLC3A2 antibody

PRODUCT SPECIFICATIONS

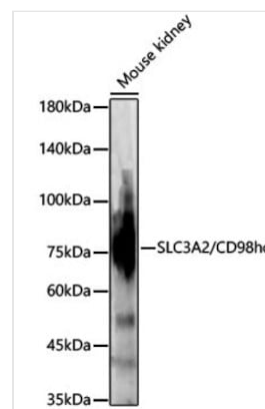
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	630
Applicable Applications for anti-SLC3A2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 360-529 of human SLC3A2/CD98hc (NP_001013269.1).
Species Reactivity/ Cross Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



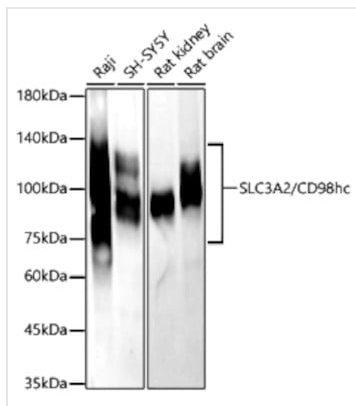
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human placenta using SLC3A2/CD98hc Rabbit pAb (AAA280177) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of Mouse kidney, using SLC3A2/CD98hc antibody (AAA280177) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s



WB (Western Blot)

Western blot analysis of various lysates, using SLC3A2/CD98hc antibody (AAA280177) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC3A2 antibody	This gene is a member of the solute carrier family and encodes a cell surface, transmembrane protein. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. The encoded transporter plays a role in regulation of intracellular calcium levels and transports L-type amino acids. Alternatively spliced transcript variants, encoding different isoforms, have been characterized.
Product Categories/Family for anti-SLC3A2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	257051063
NCBI GeneID	6520
UniProt Accession #	P08195; Q13543
Molecular Weight	Observed MW: 75-120kDa Calculated MW: 58kDa
NCBI Official Full Name	4F2 cell-surface antigen heavy chain
NCBI Official Synonym Full Names	solute carrier family 3 (amino acid transporter heavy chain), member 2
NCBI Official Symbol	SLC3A2
NCBI Official Synonym Symbols	4F2; CD98; MDU1; 4F2HC; 4T2HC; NACAE; CD98HC
NCBI Protein Information	4F2 cell-surface antigen heavy chain; CD98 heavy chain; monoclonal antibody 44D7; solute carrier family 3 member 2; lymphocyte activation antigen 4F2 large subunit; antigen defined by monoclonal antibody 4F2, heavy chain; antigen identified by monoclonal antibodies 4F2, TRA1.10, TROP4, and T43; solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2
UniProt Protein Name	4F2 cell-surface antigen heavy chain
UniProt Gene Name	SLC3A2
UniProt Synonym Gene Names	MDU1; 4F2hc
UniProt Entry Name	4F2_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.

