

Rabbit SLC7A9 Polyclonal Antibody | anti-SLC7A9 antibody

SLC7A9 Polyclonal Antibody

CATALOG # AAA280945	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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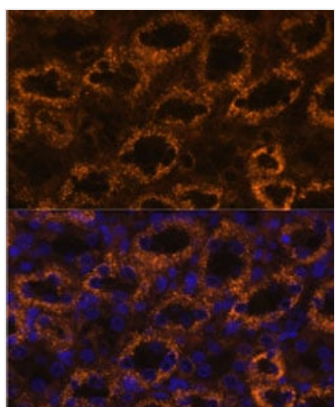
PRODUCT SYNONYMS

SLC7A9; Polyclonal Antibody; SLC7A9 Polyclonal Antibody; BAT1; CSNU3; anti-SLC7A9 antibody

PRODUCT SPECIFICATIONS

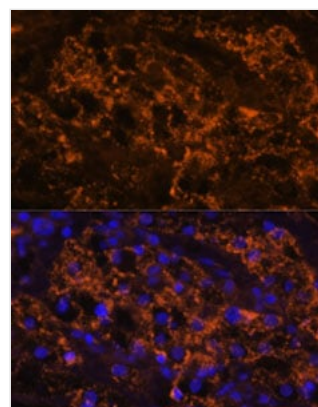
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	487
Applicable Applications for anti-SLC7A9 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human SLC7A9 (NP_055085.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



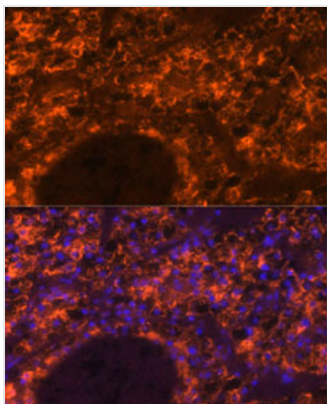
IF (Immunofluorescence)

Immunofluorescence analysis of rat kidney using SLC7A9 antibody(AAA280945) at dilution of 1:100. Blue: DAPI for nuclear staining.



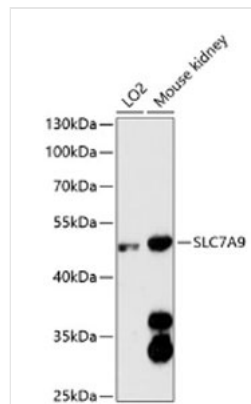
IF (Immunofluorescence)

Immunofluorescence analysis of human kidney cancer using SLC7A9 antibody (AAA280945) at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of human kidney cancer using SLC7A9 antibody (AAA280945) at dilution of 1:100. Blue: DAPI for nuclear staining



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SLC7A9 antibody (AAA280945) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC7A9 antibody	This gene encodes a protein that belongs to a family of light subunits of amino acid transporters. This protein plays a role in the high-affinity and sodium-independent transport of cystine and neutral and dibasic amino acids, and appears to function in the reabsorption of cystine in the kidney tubule. Mutations in this gene cause non-type I cystinuria, a disease that leads to cystine stones in the urinary system due to impaired transport of cystine and dibasic amino acids. Alternate transcript variants, which encode the same protein, have been found for this gene.
Product Categories/Family for anti-SLC7A9 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	12585187
NCBI GeneID	11136
UniProt Accession #	P82251; B2R9A6
Molecular Weight	Calculated: 53kDa Observed: 53kDa
NCBI Official Full Name	b(0,+)-type amino acid transporter 1
NCBI Official Synonym Full Names	solute carrier family 7 member 9
NCBI Official Symbol	SLC7A9
NCBI Official Synonym Symbols	BAT1; CSNU3
NCBI Protein Information	B(0,+)-type amino acid transporter 1
UniProt Protein Name	b(0,+)-type amino acid transporter 1
UniProt Gene Name	SLC7A9
UniProt Synonym Gene Names	BAT1; b(0,+)AT1

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://www.aaabiotech.com/polyclonal/slc7a9-antibody-immunofluorescence-western-blot-elisa/280945>