

Rabbit SLC7A1 Polyclonal Antibody | anti-SLC7A1 antibody

SLC7A1 Polyclonal Antibody

CATALOG # AAA281232	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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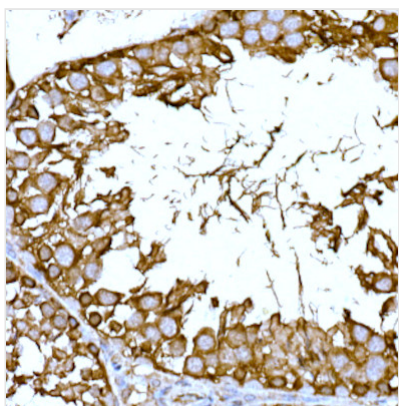
PRODUCT SYNONYMS

SLC7A1; Polyclonal Antibody; SLC7A1 Polyclonal Antibody; ATRC1; CAT-1; ERR; HCAT1; REC1L; anti-SLC7A1 antibody

PRODUCT SPECIFICATIONS

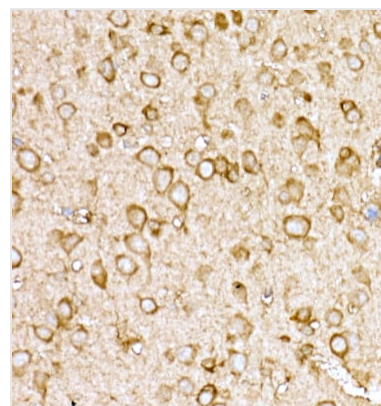
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence Length	629
Applicable Applications for anti-SLC7A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human SLC7A1
Species Reactivity / Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



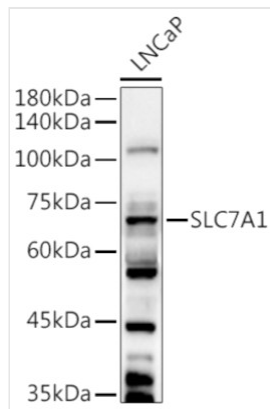
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat testis using SLC7A1 Rabbit pAb (AAA281232) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



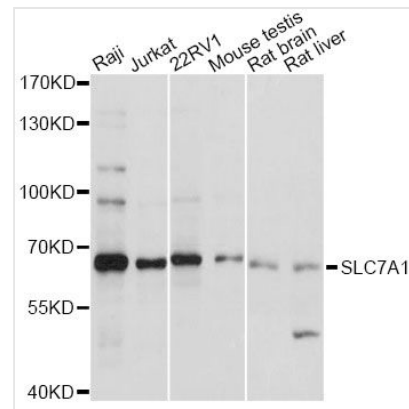
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using SLC7A1 Rabbit pAb (AAA281232) at dilution of 1:100 (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 extracts of LNCaP cells, using SLC7A1 antibody (AAA281232) 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: 90s



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SLC7A1 antibody 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-SLC7A1 antibody	Background: High-affinity, low capacity permease involved in the transport of the cationic amino acids (arginine, lysine and ornithine in non-hepatic tissues).
Product Categories/Family for anti-SLC7A1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507047
NCBI GeneID	6541
NCBI Accession #	NP_003036.1
NCBI GenBank Nucleotide #	NM_003045.4
UniProt Accession #	P30825 ; Q5JR50
Molecular Weight	Observed MW: 68KDa Calculated MW: 67kDa
NCBI Official Full Name	high affinity cationic amino acid transporter 1
NCBI Official Synonym Full Names	solute carrier family 7 member 1
NCBI Official Symbol	SLC7A1
NCBI Official Synonym Symbols	ERR; ATRC1; CAT-1; HCAT1; REC1L
NCBI Protein Information	high affinity cationic amino acid transporter 1
UniProt Protein Name	High affinity cationic amino acid transporter 1
UniProt Gene Name	SLC7A1
UniProt Synonym Gene Names	CAT1

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/slc7a1-antibody-immunohistochemistry-western-blot-elisa/281232>