Anti-SLC3A1 antibody (416-685) (STJ27451)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

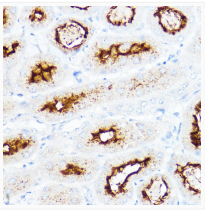
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 79kDa Observed Mw: 79kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

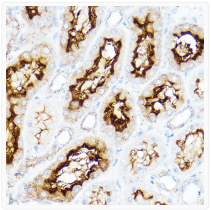
Gene ID	6519
Gene Symbol	SLC3A1
UniProt ID	SLC31_HUMAN
Immunogen Region	416-685
Immunogen Sequence	LDTVSGNSVYEVITSWMENM PEGKWPNWMIGGPDSSRLTS RLGNQYVNVMNMLLFTLPGT PITYYGEEIGMGNIVAANLN ESYDINTLRSKSPMQWDNSS NAGFSEASNTWLPTNSDYHT VNVDVQKTQPRSALKLYQDL SLLHANELLLNRGWFCHLRN DSHYVVYTRELDGIDRIFIV VLNFGESTLLNLHNMISGLP AKMRIRLSTNSADKGSKVDT SGIFLDKGEGLIFEHNTKN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 416-685 of human SLC3A1 (NP_000332.2).

ADDITIONAL INFORMATION

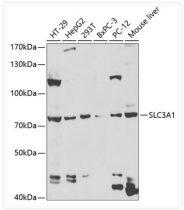
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using SLC3A1 Rabbit polyclonal antibody (STJ27451) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat kidney using SLC3A1 Rabbit polyclonal antibody (STJ27451) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using SLC3A1 antibody (STJ27451) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.