

Anti-SLC7A5 antibody (1-125) (STJ25593)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

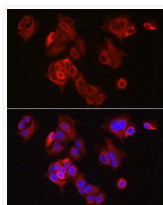
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:100-1:500 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 55kDa Observed Mw: 39kDa/50kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

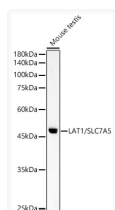
Gene ID	8140
Gene Symbol	SLC7A5
UniProt ID	LAT1_HUMAN
Immunogen Region	1-125
Immunogen Sequence	MAGAGPKRRALAAPAAEEKE EAREKMLAAKSADGSAPAGE GEGVTLQRNITLLNGVAIV GTIIGSGIFVTPTGVLKEAG SPGLALVVWAACGVFSIVGA LCYAEELGTTISKSGGDYAYM LEVYG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-125 of human LAT1/SLC7A5 (NP_003477.4).

ADDITIONAL INFORMATION

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



Immunofluorescence analysis of MCF7 cells using LAT1/SLC7A5 Rabbit polyclonal antibody (STJ25593) at dilution of 1:300 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of Mouse testis, using LAT1/SLC7A5 antibody (STJ25593) at 1:900 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.