

Anti-SLC7A11 antibody (Internal) (STJ71029)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/IF
Host / Source	Goat
Reactivity	Human

PRODUCT PROPERTIES

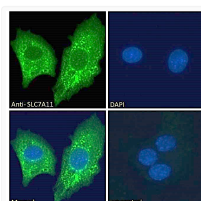
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:32000. IF: Strong expression of the protein seen in vesicles of HepG2 cells and in vesicles/ER of A549 cells. Recommended concentration: 10µg/ml.
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

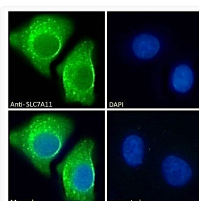
Gene ID	23657
Gene Symbol	SLC7A11
UniProt ID	XCT_HUMAN
Immunogen Region	Internal
Immunogen Sequence	KGQTQNFKDAFSGRD

ADDITIONAL INFORMATION

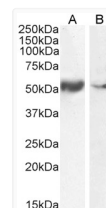
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



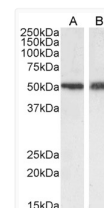
STJ71029 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing vesicle staining. The nuclear stain is DAPI (blue). NA NA Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



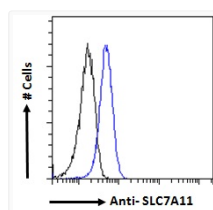
STJ71029 Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing vesicle/ER staining. The nuclear stain is DAPI (blue). NA NA Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ71029 (0. 1µg/ml) staining of Human Smooth Muscle (A) and Tonsil (B) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence. This data is from a previous batch, not on sale.



STJ71029 (0. 3µg/ml) staining of A549 (A) and U2OS (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence. This data is from a previous batch, not on sale.



STJ71029 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line) , permeabilized with 0. 5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody. This data is from a previous batch, not on sale.