

Anti-STX1A antibody (1-288) (STJ27540)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

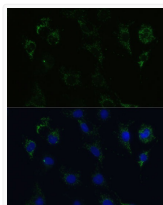
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 33kDa Observed Mw: 33kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

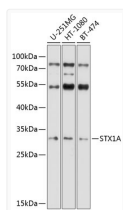
Gene ID	6804
Gene Symbol	STX1A
UniProt ID	STX1A_HUMAN
Immunogen Region	1-288
Immunogen Sequence	MKDRTQELRTAKDSDDDDV AVTVDRDRFMDEFFEQVEEI RGFIDKIAENVEEVKRKHS ILASPNPDEKTKEELEELMS DIKKTANKVRSKLKSIEQSI EQEEGLNRSSADLRIRKTH STLSRKFEVMSEYNATQSD YRERCKGRIQRQLEITGRTT TSEEEDMLESNGNPAIFASG IIMDSSISKQALSEIETRHS EIIKLENSIRELHDMFMDMA MLVESQGEIMIDRIEYNVEH
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-288 of human STX1A (NP_004594.1).

ADDITIONAL INFORMATION

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



Immunofluorescence analysis of C6 cells using STX1A Polyclonal Antibody (STJ27540) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using STX1A antibody (STJ27540) at 1:1000 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.