

Recombinant Anti-STX3 Rabbit mAb

Catalog # AP95297

Product Information

Application	WB, IHC, FC, IF/IC
Primary Accession	Q13277
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	33155

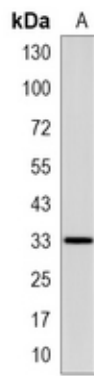
Additional Information

Gene ID	6809
Other Names	STX3A; Syntaxin-3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human STX3 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

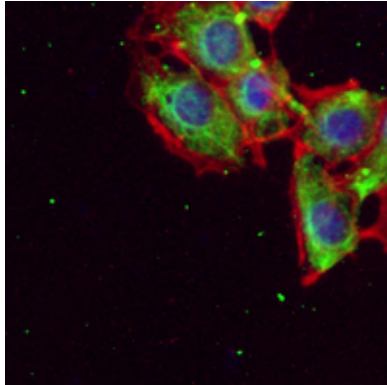
Protein Information

Name	STX3
Synonyms	STX3A
Function	Potentially involved in docking of synaptic vesicles at presynaptic active zones. Apical receptor involved in membrane fusion of apical vesicles.
Cellular Location	[Isoform A]: Apical cell membrane; Single-pass type IV membrane protein. Note=Localized to the inner and outer plexiform layers, the cell body and the inner segments of photoreceptors {ECO:0000250 UniProtKB:Q64704}
Tissue Location	[Isoform A]: Expressed in small intestine, kidney, pancreas, placenta as well as in retina. Weaker expression in lung, liver and heart. Not expressed in brain and skeletal muscle [Isoform 3]: Ubiquitously expressed.

Images



Western blot analysis of STX3 expression in HepG2 (A) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 33 kD)



Immunofluorescent analysis of STX3 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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