

Rabbit anti-Human Syntaxin 8 Polyclonal Antibody | anti-STX8 antibody

Anti-Syntaxin 8 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255733	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, ELISA

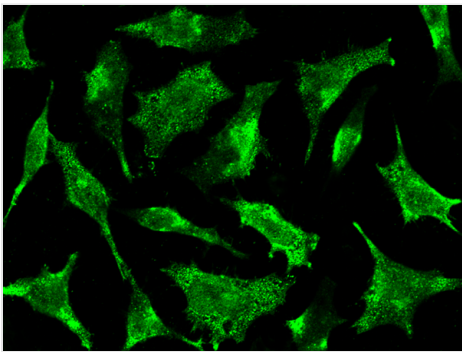
PRODUCT SYNONYMS

Syntaxin 8; Polyclonal Antibody; Anti-Syntaxin 8 Antibody; Rabbit Polyclonal; STX8/Syntaxin 8 Antibody; Rabbit PAb; Antigen Affinity Purified; syntaxin 8; Anti-CARB Antibody; anti-STX8 antibody

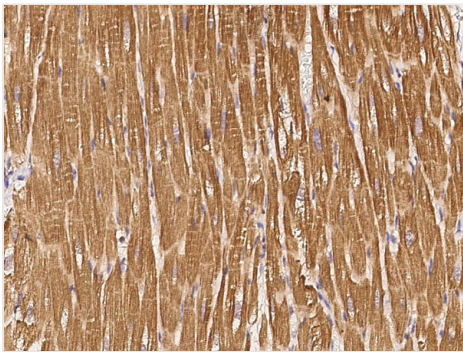
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Syntaxin 8
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-STX8 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human STX8/Syntaxin 8 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human STX8/Syntaxin 8 (rh STX8/Syntaxin 8). STX8/Syntaxin 8 specific IgG was purified by Human STX8/Syntaxin 8 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of STX8 in Hela cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human STX8 polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm.



IHC (Immunohistochemistry)
Immunochemical staining of human STX8 in cynomolgus heart with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-STX8 antibody	STX8, also known as syntaxin 8, directly interacts with HECTd3. STX8 forms the SNARE complex with syntaxin 7, vti1b and endobrevin. STX8 belongs to the syntaxin family. Members of this family are key molecules implicated in diverse vesicle docking and membrane fusion events. STX8 physically interacts with cystic fibrosis transmembrane conductance regulator (CFTR): recombinant syntaxin 8 binds CFTR in vitro and both proteins co-immunoprecipitate in HT29 cells. Syntaxin 8 regulates CFTR-mediated currents in chinese hamster ovary (CHO) cells stably expressing CFTR and syntaxin 8. STX8 contributes to the regulation of CFTR trafficking and chloride channel activity by the SNARE machinery.
References	Steegmaier M. et al., 1999, J Biol Chem. 273 (51): 34171-9. Thoreau V. et al., 1999, Biochem Biophys Res Commun. 257 (2): 577-83. Zhang L. et al., 2009, Cell Mol Neurobiol. 29 (1): 115-21. Bilan F. et al., 2004, J Cell Sci. 117 (10): 1923-35.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4433649
NCBI GeneID	9482
UniProt Accession #	Q9UNK0; O60712; Q53XT8
Molecular Weight	26,907 Da
NCBI Official Full Name	syntaxin 8
NCBI Official Synonym Full Names	syntaxin 8
NCBI Official Symbol	STX8
NCBI Official Synonym Symbols	CARB
NCBI Protein Information	syntaxin-8
UniProt Protein Name	Syntaxin-8
UniProt Gene Name	STX8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.