

Rabbit Syntaxin 8 Polyclonal Antibody | anti-STX8 antibody

Anti-Syntaxin 8 Antibody, Rabbit Polyclonal

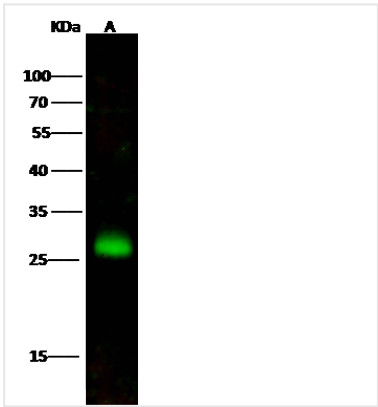
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254426	Rabbit	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

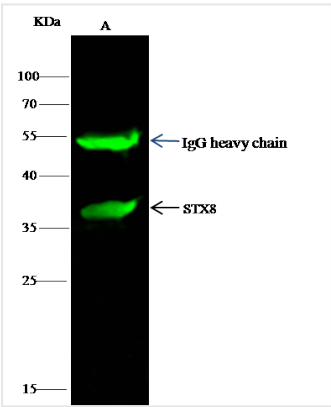
Syntaxin 8; Polyclonal Antibody; Anti-Syntaxin 8 Antibody; Rabbit Polyclonal; STX8/Syntaxin 8 Antibody; Rabbit PAb; Antigen Affinity Purified; syntaxin 8; Anti-CARB Antibody; anti-STX8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)
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	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human STX8/Syntaxin 8
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human STX8/Syntaxin 8, and purified by antigen 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.



WB (Western Blot)
Anti-STX8 rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 27 kDa Observed band size: 27 kDa



IP (Immunoprecipitation)
STX8 was immunoprecipitated using: Lane A: 0.5 mg A431 Whole Cell Lysate 4 uL anti-STX8 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G. Primary antibody: Anti-STX8 rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 27 kDa Observed band size: 32 kDa

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.

