

Rabbit anti-Human STX12 Polyclonal Antibody | anti-STX12 antibody

Anti-STX12 Antibody, Rabbit Polyclonal

CATALOG # AAA256634	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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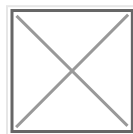
PRODUCT SYNONYMS

STX12; Polyclonal Antibody; Anti-STX12 Antibody; Rabbit Polyclonal; STX12 Antibody; Rabbit PAb; Antigen Affinity Purified; syntaxin 12; Anti-STX13 Antibody; Anti-STX14 Antibody; anti-STX12 antibody

PRODUCT SPECIFICATIONS

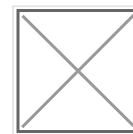
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human STX12
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-STX12 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human STX12 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human STX12 fragment, 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. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

STX12 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Hela Whole Cell Lysate 4 uL anti-STX12 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-STX12 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 38 kDa. Observed band size: 38 kDa.



WB (Western Blot)

Anti-STX12 rabbit polyclonal antibody at 1:500 dilution. Lane A: Hela Whole Cell Lysate. Lane B: Jurkat Whole Cell Lysate. Lane C: HepG2 Whole Cell Lysate. Lane D: 293T Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 32 kDa. Observed band size: 34 kDa. (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-STX12 antibody	Syntaxin-12 is a protein that in humans is encoded by the STX12 (also known as STX13) gene. The STX12 gene, located on 1p35.3, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, C.elegans, S.pombe, M.oryzae, N.crassa, and frog. STX12 is widely expressed in the thyroid, fat, and other tissue, and has been shown to interact with PLDN. Diseases associated with STX12 include Congenital Disorder Of Glycosylation, Type Iii, and Leukodystrophy, Hypomyelinating, 6. Among its related pathways are Delta508-CFTR traffic/Sorting endosome formation in CF and Delta508-CFTR traffic/ER-to-Golgi in CF. 222 organisms have orthologs with the human gene STX12.
References	Minakami R, et al. (2000) Interaction of vesl-1/homer 1c with syntaxin 13. Biochem Biophys Res Commun 272 (2): 466-471.Kean MJ, et al. (2009) Vamp3, syntaxin-13 and snap23 are involved in secretion of matrix metalloproteinases, degradation of the extracellular matrix and cell invasion. J Cell Sci 122 (Pt 22): 4089-4098.Jani RA, et al. (2015) Stx13 regulates cargo delivery from recycling endosomes during melanosome biogenesis. J Cell Sci 128 (17): 3263-3276.

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/stx12-antibody-immunoprecipitation-western-blot-elisa/256634>