

Anti-Syntaxin 2 Stx2 Antibody

Catalog Number: A03273

About Stx2

Syntaxins are type II integral membrane proteins localized to membranes that regulate vesicle transport, protein maturation, and exocytosis. Syntaxin 1A resides in the nerve terminals of sensory neurons and nerve fibers reaching small blood vessels. Syntaxin 2 localizes to the apical plasma membrane and regulates epithelial-mesenchymal interactions. Syntaxin 6 is primarily localized to the trans-Golgi network, and partially co-localizes with AP-1 on clathrin-coated membranes. Syntaxin 13 is ubiquitously expressed and localizes to the tubular early and recycling endosomes, as well as endosomal vacuoles.

Overview

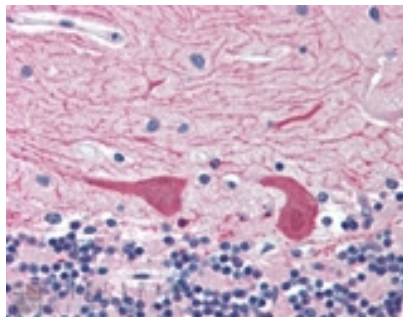
Product Name	Anti-Syntaxin 2 Stx2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Syntaxin 2 Stx2 Antibody catalog # A03273. Tested in IP, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol and 0.09% sodium azide.
Storage Instructions	Store at -20°C for long-term storage. Avoid freeze/thaw cycles.
Host	Rabbit
Uniprot ID	P50279

Technical Details

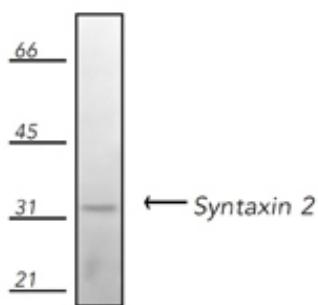
Immunogen	Synthetic peptide corresponding to the sequence near the N-terminus of rat syntaxin 2.
Predicted Reactive Species	Bovine, Pufferfish, Zebrafish
Isotype	IgG
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Peptide immunoaffinity purified.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the

optimal dilution ratio for your samples.
Some PubMed article(s) citing the expression level of this target are as follows:
Boster Bio's internal QC testing used:
WB, 1ug/ml, colorimetric, Human, Mouse, Rat
IP, 10ug/ml, Human, Mouse, Rat

Anti-Syntaxin 2 Stx2 Antibody (A03273) Images



Syntaxin 2 was detected in paraffin-embedded sections of human cerebellum tissues using rabbit anti-Syntaxin 2 Antigen Affinity purified polyclonal antibody (Catalog # A03273) at 10 ug/mL. The immunohistochemical section was developed using SABC method (Catalog # SA1022).



Western blot analysis of Syntaxin 2 expression in JURKAT whole cell lysates (lane 1). Syntaxin 2 at 35KD was detected using rabbit anti-Syntaxin 2 Antigen Affinity purified polyclonal antibody (Catalog # A03273) at 1 ug/mL. The blot was developed using colorimetric method.

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