

Anti-VTI1b Antibody

Catalog Number: A07432

About VTI1B

Vesicle transport through interaction with t-SNAREs homolog 1 (VTI1a and VTI1b) are involved in vesicular transport from the late endosomes to the trans-Golgi network (1). They are both localized in the trans-Golgi network, with VTI1a also found in the Golgi apparatus and VTI1b in endosomes (2,3). It is thought that VTI1b along with the SNARE protein VAMP8 mediates the fusion of antimicrobial and canonical autophagosomes with lysosomes, an essential process for autophagy (4).

Overview

Product Name	Anti-VTI1b Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-VTI1b Antibody (Catalog # A07432). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	VTI1b antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	VTI1b antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q9UEU0

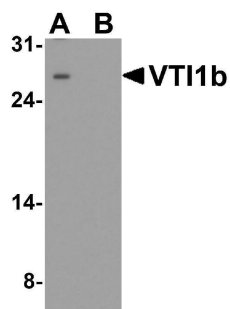
Technical Details

Immunogen	VTI1b antibody was raised against a 17 amino acid peptide near the center of human VTI1b. The immunogen is located within amino acids 150 - 200 of VTI1b.
Predicted Reactive Species	Bovine
Cross Reactivity	VTI1b antibody is human, mouse and rat reactive. At least three isoforms of VTI1a are known to exist; this antibody will detect all three isoforms. VTI1b antibody is predicted to not cross-react with VTI1a.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	VTI1b antibody is affinity chromatography purified via peptide column.

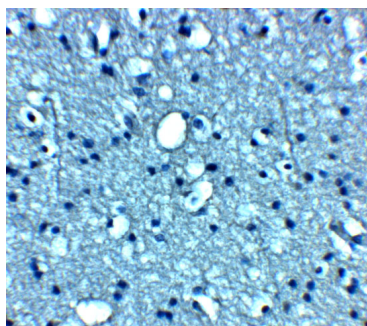
Suggested Dilutions

VT11b antibody can be used for detection of VT11b by Western blot at 1 - 2 ug/ml. Antibody can also be used for immunohistochemistry starting at 5 ug/mL.
Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples.
All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-VTI1b Antibody (A07432) Images



Western blot analysis of VTI1b in HeLa cell lysate with VTI1b antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of VTI1b in human brain tissue with VTI1b antibody at 5 ug/mL.

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Anti-VTI1b Antibody

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