

Anti-VTI1a Antibody

Catalog Number: A06649-1

About VTI1A

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). VTI1a mediates vesicle transport pathways through interactions with t-SNAREs on the target membrane and promotes fusion of the lipid bilayers (4). VTI1a may be concerned with increased secretion of cytokines associated with cellular senescence (5).

Overview

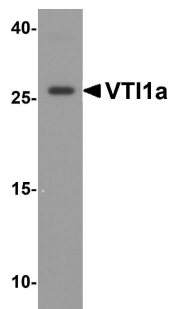
Product Name	Anti-VTI1a Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-VTI1a Antibody (Catalog # A06649-1). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	VTI1a antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	VTI1a antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q96AJ9

Technical Details

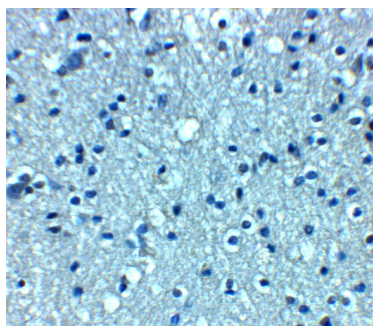
Immunogen	VTI1a antibody was raised against a 19 amino acid peptide near the center of human VTI1a. The immunogen is located within amino acids 50 - 100 of VTI1a.
Predicted Reactive Species	Bovine
Cross Reactivity	VTI1a antibody is human, mouse and rat reactive. At least two isoforms of VTI1a are known to exist; this antibody will detect both isoforms. VTI1a antibody is predicted to not cross-react with VTI1b.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	VTI1a antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	VTI1a antibody can be used for detection of VTI1a 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-VTI1a Antibody (A06649-1) Images



Western blot analysis of VTI1a in human brain tissue lysate with VTI1a antibody at 1 ug/ml.



Immunohistochemistry of VTI1a in human brain tissue with VTI1a antibody at 5 ug/mL.

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Anti-VTI1a Antibody

For Research Use Only. Not for use in diagnostic procedures.