

Datasheet for ABIN6992162
anti-VTI1A antibody (AA 50-100)



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Overview

Quantity:	0.1 mg
Target:	VTI1A
Binding Specificity:	AA 50-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VTI1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Isotype:	IgG
Specificity:	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.
Purification:	VTI1a antibody is affinity chromatography purified via peptide column.

Target Details

Target:	VTI1A
Alternative Name:	VTI1a (VTI1A Products)

Target Details

Background:	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).
Molecular Weight:	Predicted: 24, 27 kDa Observed: 26 kDa
Gene ID:	143187
NCBI Accession:	NP_660207
UniProt:	Q96AJ9

Application Details

Application Notes:	VTI1a antibody can be used for detection of VTI1a by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	VTI1a antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	VTI1a antibody can be stored at 4°C for three months and -20°C, stable for up to one year.