

Product datasheet for **TA349197**

VTI1A Rabbit Polyclonal Antibody

Product data:

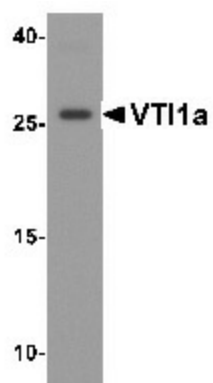
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	VTI1a antibody was raised against a 19 amino acid peptide near the center of human VTI1a.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	VTI1a antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 24, 27 kDa; Observed: 26 kDa
Gene Name:	vesicle transport through interaction with t-SNAREs 1A
Database Link:	NP_660207 Entrez Gene 53611 Mouse Entrez Gene 65277 Rat Entrez Gene 143187 Human Q96AJ9
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).
Synonyms:	MMDS3; MVti1; Vti1-rp2; VTI1RP2
Protein Families:	Transmembrane



[View online »](#)

Protein Pathways: SNARE interactions in vesicular transport

Product images:



Western blot analysis of VT11a in human brain tissue lysate with VT11a antibody at 1 ug/mL.