10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-VTI1A Antibody
Rabbit polyclonal antibody to VTI1A
Catalog # AP60692

Specification

Anti-VTI1A Antibody - Product Information

Application	**WB**
Primary Accession	Q96AJ9
Other Accession	O89116
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**25218**

Anti-VTI1A Antibody - Additional Information

Gene ID 143187

Other Names
Vesicle transport through interaction with t-SNAREs homolog 1A; Vesicle transport v-SNARE protein Vti1-like 2; Vti1-rp2

Target/Specificity
Recognizes endogenous levels of VTI1A protein.

Dilution
WB~~WB (1/500 - 1/1000)

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-VTI1A Antibody - Protein Information

Name VTI1A

Function
V-SNARE that mediates vesicle transport pathways through interactions with t-SNAREs on the target membrane. These interactions are proposed to mediate aspects of the specificity of vesicle trafficking and to promote fusion of the lipid bilayers. Involved in vesicular transport from the late endosomes to the trans-Golgi network. Along with VAMP7, involved in an non-conventional RAB1-dependent traffic route to the cell surface used by KCNIP1 and KCND2. May be involved in increased cytokine secretion associated with cellular senescence.

Cellular Location

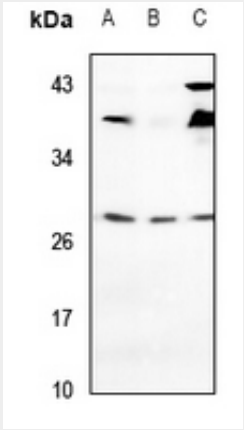
Cytoplasmic vesicle. Golgi apparatus membrane; Single-pass type IV membrane protein

Anti-VTI1A Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-VTI1A Antibody - Images



Western blot analysis of VTI1A expression in PC12 (A), AML12 (B), HCT116 (C) whole cell lysates.

Anti-VTI1A Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human VTI1A. The exact sequence is proprietary.