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

VTI1A Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8602b

Specification

VTI1A Antibody (C-term) - Product Information

Application	**WB, FC, IHC-P,E**
Primary Accession	Q96AJ9
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**25218**
Antigen Region	**140-169**

VTI1A Antibody (C-term) - 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, VTI1A

Target/Specificity
This VTI1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 140-169 amino acids from the C-terminal region of human VTI1A.

Dilution
WB~~1:1000
FC~~1:10~50
IHC-P~~1:50~100
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
VTI1A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

VTI1A Antibody (C-term) - Protein Information

Name VTI1A

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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.

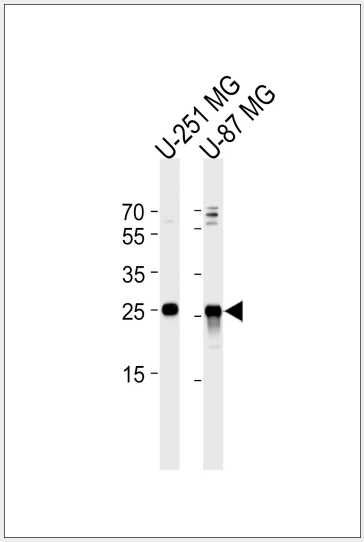
Cellular Location
Cytoplasmic vesicle. Golgi apparatus membrane; Single-pass type IV membrane protein

VTI1A Antibody (C-term) - 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

VTI1A Antibody (C-term) - Images



Western blot analysis of lysates from U-251 MG, U-87 MG cell line (from left to right), using VTI1A Antibody (C-term)(Cat. #AP8602b). AP8602b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

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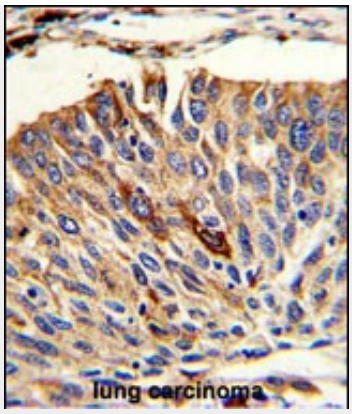
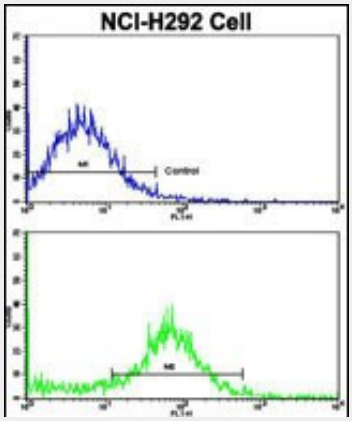


Formalin-fixed and paraffin-embedded human lung carcinoma with VTI1A Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Flow cytometric analysis of NCI-H292 cells using VTI1A Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

VTI1A Antibody (C-term) - Background

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. It may be concerned with increased secretion of cytokines associated with cellular senescence.

VTI1A Antibody (C-term) - References

Tai,G., et.al., Mol. Biol. Cell 15 (9), 4011-4022 (2004)
Mallard,F., et.al., J. Cell Biol. 156 (4), 653-664 (2002)