

VTI1A Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8602b**Specification**

VTI1A Antibody (C-term) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	O96AJ9
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
IHC-P~~1:50~100
FC~~1:10~50

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

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 a 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

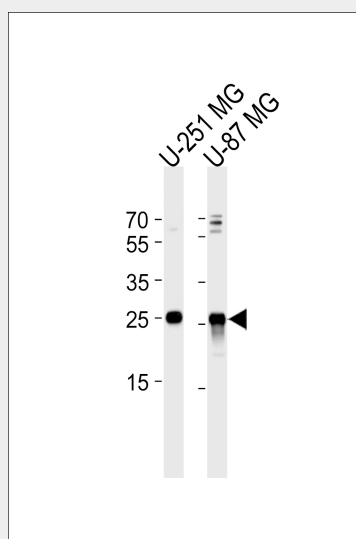
Cytoplasmic vesicle. Golgi apparatus membrane; Single-pass type IV membrane protein

VTI1A Antibody (C-term) - Protocols

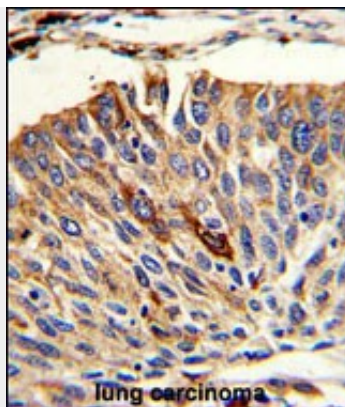
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

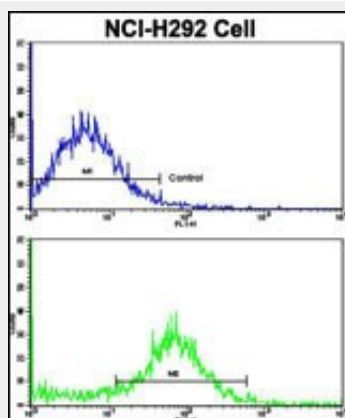
VTI1A Antibody (C-term) - Images



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.



Formalin-fixed and paraffin-embedded human lung carcinoma with VT1A 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 VT1A 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.

VT1A 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.

VT1A 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)