

Product Name: v-SNARE Vti1a Rabbit Polyclonal Antibody
Catalog #: APRab19845

Summary

Production Name	v-SNARE Vti1a Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	VTI1A
Alternative Names	VTI1A; Vesicle transport through interaction with t-SNAREs homolog 1A; Vesicle transport v-SNARE protein Vti1-like 2; Vti1-rp2
Gene ID	143187.0
SwissProt ID	Q96AJ9.The antiserum was produced against synthesized peptide derived from human VTI1A. AA range:31-80

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000
Molecular Weight	23kD

Product Name: v-SNARE Vti1a Rabbit Polyclonal Antibody
Catalog #: APRab19845

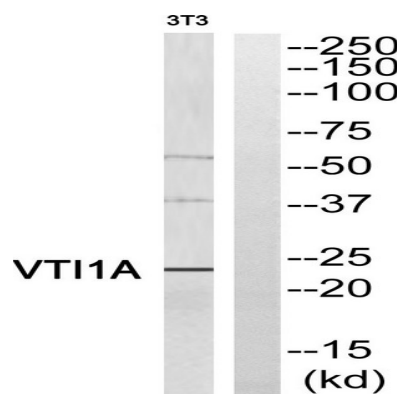
Background

The protein encoded by this gene is a member of the family of soluble N-ethylmaleimide-sensitive fusion protein-attachment protein receptors (SNAREs) that function in intracellular trafficking. This family member is involved in vesicular transport between endosomes and the trans-Golgi network. It is a vesicle-associated SNARE (v-SNARE) that interacts with target membrane SNAREs (t-SNAREs). Polymorphisms in this gene have been associated with binocular function, and also with susceptibility to colorectal and lung cancers. A recurrent rearrangement has been found between this gene and the transcription factor 7-like 2 (TCF7L2) gene in colorectal cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015],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. May be concerned with increased secretion of cytokines associated with cellular senescence.,similarity:Belongs to the VT11 family.,

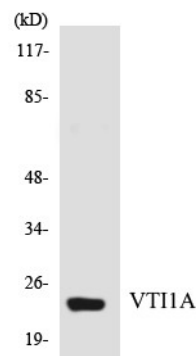
Research Area

SNARE interactions in vesicular transport;

Image Data



Western blot analysis of VT11A Antibody. The lane on the right is blocked with the VT11A peptide.



**Product Name: v-SNARE Vti1a Rabbit Polyclonal
Antibody**
Catalog #: APRab19845



Western blot analysis of the lysates from HUVECcells using VT11A antibody.

Note

For research use only.