

**v-SNARE Vti1a rabbit pAb****Cat#: orb767711 (Manual)**

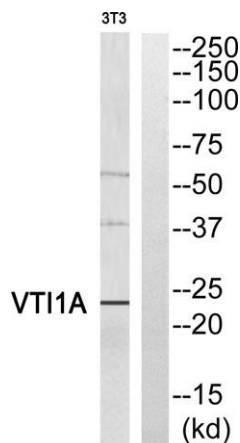
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<b>Product Name</b>	v-SNARE Vti1a rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human VTI1A. AA range:31-80
<b>Specificity</b>	v-SNARE Vti1a Polyclonal Antibody detects endogenous levels of v-SNARE Vti1a protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Vesicle transport through interaction with t-SNAREs homolog 1A
<b>Gene Name</b>	VTI1A
<b>Cellular localization</b>	Cytoplasmic vesicle . Golgi apparatus membrane ; Single-pass type IV membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

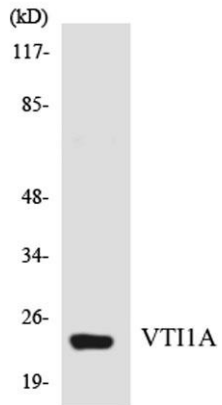
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	23kD
<b>Human Gene ID</b>	143187
<b>Human Swiss-Prot Number</b>	Q96AJ9
<b>Alternative Names</b>	VTI1A; Vesicle transport through interaction with t-SNAREs homolog 1A; Vesicle transport v-SNARE protein Vti1-like 2; Vti1-rp2

**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],



**Western blot analysis of VTI1A Antibody. The lane on the right is blocked with the VTI1A peptide.**



Western blot analysis of the lysates from HUVEC cells using VTI1A antibody.