



v-SNARE Vti1p Polyclonal Antibody

Catalog No	YP-Ab-00756
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	VTI1B
Immunogen	Synthesized peptide derived from the Internal region of human v-SNARE Vti1p.
Specificity	v-SNARE Vti1p Polyclonal Antibody detects endogenous levels of v-SNARE Vti1p protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Vesicle transport through interaction with t-SNAREs homolog 1B;Vesicle transport v-SNARE protein Vti1-like 1;VTI1;VTI1 LIKE;v-SNARE Vti1p;VTI1B;VTI1L;VTI1L1;VTI2;Vti1-rp1
Observed Band	26kD
Calculated Molecular Weight	26kD
Cell Pathway	Early endosome membrane ; Single-pass type IV membrane protein . Late endosome membrane ; Single-pass type IV membrane protein . Lysosome membrane . Cytoplasmic granule . Recycling endosome membrane ; Single-pass type IV membrane protein .
Tissue Specificity	Expressed in all tissues examined.
Function	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 VTI1 family., subunit:Found in a complex with VAMP8 and STX7 in the liver. Forms a SNARE complex with STX7, STX8 and VAMP8 which functions in the homotypic fusion



of late endosomes. Part of the SNARE core complex containing STX7, STX8 and VAMP8.,tissue specificity:Expressed in all tissues examined.,

Background

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., subunit:Found in a complex with VAMP8 and STX7 in the liver. Forms a SNARE complex with STX7, STX8 and VAMP8 which functions in the homotypic fusion of late endosomes. Part of the SNARE core complex containing STX7, STX8 and VAMP8.,tissue specificity:Expressed in all tissues examined.,

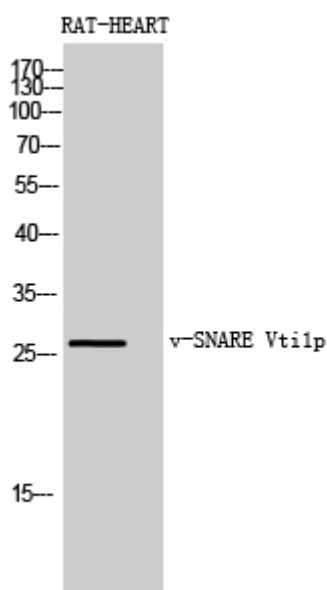
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of RAT-HEART cells using v-SNARE Vti1p Polyclonal Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000