

v-SNARE Vti1a Polyclonal Antibody

Catalog No :	YT4894
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	v-SNARE Vti1a
Fields :	>>SNARE interactions in vesicular transport
Gene Name :	VTI1A
Protein Name :	Vesicle transport through interaction with t-SNAREs homolog 1A
Human Gene Id :	143187
Human Swiss Prot No :	Q96AJ9
Mouse Gene Id :	53611
Mouse Swiss Prot No :	O89116
Rat Gene Id :	65277
Rat Swiss Prot No :	Q9JI51
Immunogen :	The antiserum was produced against synthesized peptide derived from human VTI1A. AA range:31-80
Specificity :	v-SNARE Vti1a Polyclonal Antibody detects endogenous levels of v-SNARE Vti1a protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	23kD
Cell Pathway :	SNARE interactions in vesicular transport;
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 :	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.,
Subcellular Location :	Cytoplasmic vesicle . Golgi apparatus membrane ; Single-pass type IV membrane protein .
Expression :	Lung,

Products Images

