10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-VTI1B Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18246

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9UEU0
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	26688
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	10490
Alias Symbol	VTI1B
Other Names	VTI1B, Vti1-rp1, VTI2, V-SNARE, VTI1, VTI1-LIKE, VTI1L, VTI1L1
Target/Specificity	VTI1b antibody is human, mouse and rat reactive. At least three isoforms of VTI1a are known to exist; this antibody will detect all three isoforms. VTI1b antibody is predicted to not cross-react with VTI1a.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-VTI1B Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	VTI1B (HGNC:17793)
Function	SNAREs (soluble N-ethylmaleimide-sensitive factor-attachment protein receptors) are essential proteins for intracellular membrane fusion. SNAREs localized on opposing membranes assemble to form a trans-SNARE complex, an extended, parallel four-helix bundle whose assembly releases energy that drives membrane fusion. The core SNARE complex typically consists of four alpha-helical domains, three from target membrane SNAREs (t-SNAREs) and one from a vesicle SNARE (v- SNARE) (PubMed:21388490, PubMed:23217709). On late endosomes, regulates trafficking from late endosomes to the lysosome (Probable).
Cellular Location	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 Location Expressed in all tissues examined.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.