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Anti-VTI1B Antibody

Catalog # AP60650

Product Information

Application	WB
Primary Accession	Q9UEU0
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26688

Additional Information

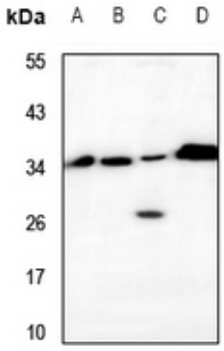
Gene ID	10490
Other Names	VTI1; VTI1L; VTI1L1; VTI2; Vesicle transport through interaction with t-SNAREs homolog 1B; Vesicle transport v-SNARE protein Vti1-like 1; Vti1-rp1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human VTI1B. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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.

Images



Western blot analysis of VTI1B expression in MCF7 (A), HepG2 (B), MEF (C), H9C2 (D) whole cell lysates. (Predicted band size: 26 kD; Observed band size: 36; 26 kD)

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