

## Goat anti-VTI1B Antibody

Item Number	dAP-0825
Target Molecule	Principle Name: VTI1B; Official Symbol: VTI1B; All Names and Symbols: VTI1B; vesicle transport through interaction with t-SNAREs homolog 1B (yeast); HGNC:17793; VTI1; VTI1L; VTI2; v-SNARE; vesicle transport through interaction with t-SNAREs 1B; vesicle-associated soluble NSF attachment protein receptor; Accession Number (s): NP_006361.1; Human Gene ID(s): 10490; Non-Human GenelD(s): 53612 (mouse)
Immunogen	RDFDEKQQEANET, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 26-28kDa band observed in Human Duodenum, Kidney and Testes lysates (calculated MW of 26.7kDa according to NP_006361.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Murray RZ, Wylie FG, Khromykh T, Hume DA, Stow JL. Syntaxin 6 and Vti1b form a novel SNARE complex, which is up-regulated in activated macrophages to facilitate exocytosis of tumor necrosis Factor-alpha. J Biol Chem. 2005 Mar 18;280(11):10478-83. Epub 2005 Jan 7. PMID: 15640147 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**