

Datasheet for ABIN2785106  
**anti-VTI1A antibody (N-Term)**



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1 Image

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | VTI1A   |
| Binding Specificity: | N-Term  |
| Reactivity:          | Human, Mouse, Rat, Dog, Cow, Horse, Pig, Rabbit, Guinea Pig |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This VTI1A antibody is un-conjugated                        |
| Application:         | Western Blotting (WB)                                       |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N terminal region of human VTI1A                                      |
| Sequence:             | SSDFEGYEQD FAVLTAEITS KIARVPRLPP DEKKQMVANV EKQLEEAKEL  |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 93%                 |
| Characteristics:      | This is a rabbit polyclonal antibody against VTI1A. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified   |

## Target Details

|         |       |
|---------|-------|
| Target: | VTI1A |
|---------|-------|

## Target Details

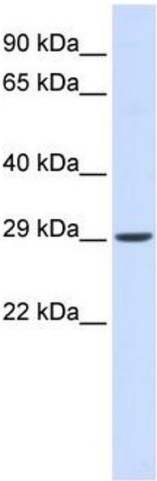
|                   |   |
|-------------------|---|
| Alternative Name: | VTI1A ( <a href="#">VTI1A Products</a> )  |
| Background:       | <p>VTI1A is a V-SNARE that mediates vesicle transport pathways through interactions with t-SNAREs on the target membrane. These interactions are proposed to mediate aspects of the specificity of vesicle trafficking and to promote fusion of the lipid bilayers. VTI1A may be concerned with increased secretion of cytokines associated with cellular senescence.</p> <p>Alias Symbols: MVti1, Vti1-rp2, VTI1RP2</p> <p>Protein Interaction Partner: UBC, env, TMBIM6, STX16, STX8, VAMP3, VAMP4, VAMP8, STX7,</p> <p>Protein Size: 217</p> |
| Molecular Weight: | 25 kDa  |
| Gene ID:          | 143187  |
| NCBI Accession:   | <a href="#">NM_145206</a> , <a href="#">NP_660207</a>   |
| UniProt:          | <a href="#">Q5W0D7</a>  |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 217 AA   |
| Restrictions:      | For Research Use only  |

## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | Lot specific  |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                                     |
| Preservative:      | Sodium azide  |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                  |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.  |
| Storage:           | -20 °C  |
| Storage Comment:   | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |



Western Blotting

**Image 1. WB Suggested Anti-VTI1A Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:62500

**Positive Control:** Human Muscle