

Datasheet for ABIN5515450  
**anti-VMP1 antibody (Middle Region)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                    |
| Target:              | VMP1                                                                                                      |
| Binding Specificity: | Middle Region                                                                                             |
| Reactivity:          | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Saccharomyces cerevisiae, Zebrafish (Danio rerio) |
| Host:                | Rabbit                                                                                                    |
| Clonality:           | Polyclonal                                                                                                |
| Conjugate:           | This VMP1 antibody is un-conjugated                                                                       |
| Application:         | Western Blotting (WB)                                                                                     |

## Product Details

|                       |                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the middle region of Human VMP1                                             |
| Sequence:             | SIISKVRIEA CMWGIGTAIG ELPPYFMARA ARLSGAEPDD EYQFEFEML                                                                             |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Yeast: 80%, Zebrafish: 79% |
| Characteristics:      | This is a rabbit polyclonal antibody against VMP1. It was validated on Western Blot.                                              |
| Purification:         | Affinity purified                                                                                                                 |

## Target Details

|         |      |
|---------|------|
| Target: | VMP1 |
|---------|------|

## Target Details

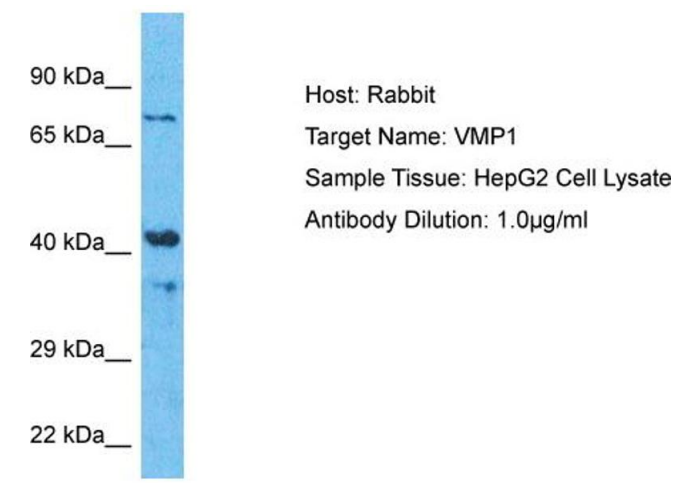
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | VMP1 ( <a href="#">VMP1 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Background:       | <p>VMP1 is a stress-induced protein that, when overexpressed, promotes formation of intracellular vacuoles followed by cell death. It may be involved in the cytoplasmic vacuolization of acinar cells during the early stage of acute pancreatitis. And it plays a role in the initial stages of the autophagic process through its interaction with BECN1 (By similarity). It involved in cell-cell adhesion. It plays an essential role in formation of cell junctions.</p> <p>Alias Symbols: VMP1, TDC1, TMEM49, HSPC292,</p> <p>Protein Interaction Partner: TJP1, UBC, ELAVL1, HGS,</p> <p>Protein Size: 406</p> |
| Gene ID:          | 81671                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| NCBI Accession:   | <a href="#">NP_112200</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt:          | <a href="#">Q96GC9</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                  |
| 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.                  |
| 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.** Host: Rabbit Target Name: VMP1 Sample Type: HepG2 Whole Cell lysates Antibody Dilution: 1.0ug/ml