

Datasheet for ABIN7175344  
**anti-VMP1 antibody (AA 136-235)**

## 2 Images

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## Overview

Quantity:	100 µg
Target:	VMP1
Binding Specificity:	AA 136-235
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VMP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Vacuole membrane protein 1 protein (136-235AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

## Target Details

Target:	VMP1
Alternative Name:	VMP1 ( <a href="#">VMP1 Products</a> )
Background:	Background: Stress-induced protein that, when overexpressed, promotes formation of intracellular vacuoles followed by cell death. May be involved in the cytoplasmic vacuolization

## Target Details

of acinar cells during the early stage of acute pancreatitis. Plays a role in the initial stages of the autophagic process through its interaction with BECN1 (By similarity). Involved in cell-cell adhesion. Plays an essential role in formation of cell junctions.

Aliases: DKFZP566I133 antibody, ectopic P-granules autophagy protein 3 homolog antibody, NF E2 inducible protein 2 antibody, NF E2 inducible protein 2 antibody, ni 2 antibody, protein ni 2 antibody, Tango5 antibody, TDC1 antibody, TMEM49 antibody, Transmembrane protein 49 antibody, transport and golgi organization 5 homolog antibody, Vacuole membrane protein 1 antibody, vmp1 antibody, VMP1\_HUMAN antibody

UniProt: [Q96GC9](#)

## Application Details

Application Notes: Recommended dilution: WB:1:200-1:3000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

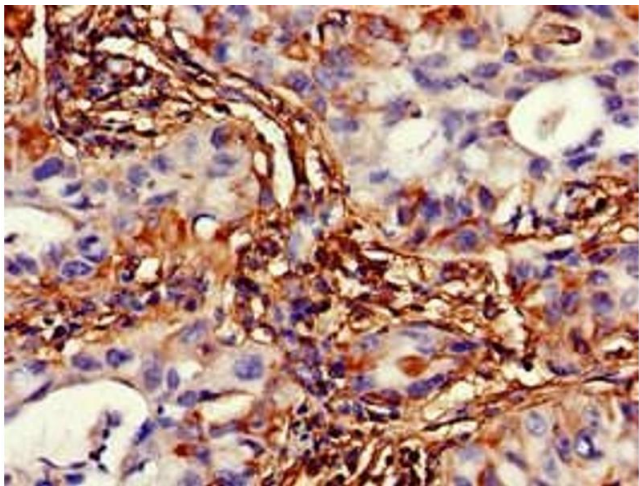
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

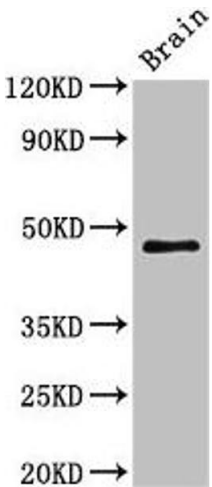
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7175344 at dilution of 1:100



Western Blotting

**Image 2.** Western Blot Positive WB detected in: Mouse brain tissue All lanes: VMP1 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 47, 25 kDa Observed band size: 47 kDa