

**Anti-Human/Mouse/Rat VMP1 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA11271**

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3th Edition

**Description:**VMP1 is a stress-induced protein that, when overexpressed, promotes formation of intracellular vacuoles followed by cell death. May be involved in the cytoplasmic vacuolization of acinar cells during the early stage of acute pancreatitis.VMP1 is a transmembrane protein that co-localizes with LC3, a marker of the autophagosomes. It interacts with beclin-1, a mammalian autophagy initiator, through the VMP1-Atg domain, which is essential for autophagosome formation.

**Antigen:**Synthetic peptide of human VMP1

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**