Datasheet for ABIN5066447

anti-VMP1 antibody (AA 391-402) (Atto 594)

2 Images

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Overview

Quantity:	100 µg
Target:	VMP1
Binding Specificity:	AA 391-402
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VMP1 antibody is conjugated to Atto 594
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide from the C-terminal of Human VMP1 (aa. 391-402)
Isotype:	IgG
Specificity:	Detects ~46 kDa.
Cross-Reactivity:	Human
Purification:	Peptide Affinity Purified

Target Details

Target:	VMP1
Alternative Name:	VMP1 (VMP1 Products)
Gene ID:	81671

Target Details

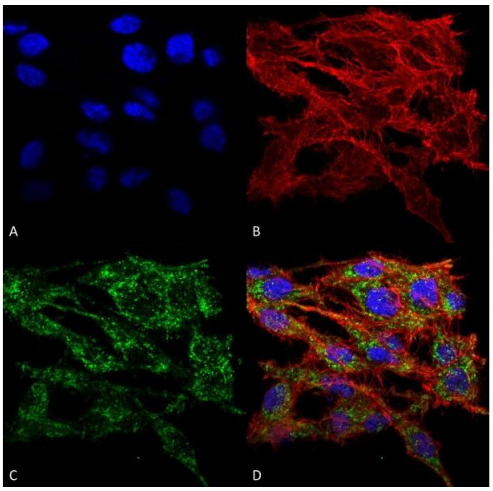
NCBI Accession:	NP_112200
UniProt:	Q96GC9

Application Details

Application Notes:	• WB (1:1000) • ICC/IF (1:100) • optimal dilutions for assays should be determined by the user.
Comment:	A 1:1000 dilution of ABIN5066447 was sufficient for detection of VMP1 in 15 µg of Human 293T Cell Lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.
Restrictions:	For Research Use only

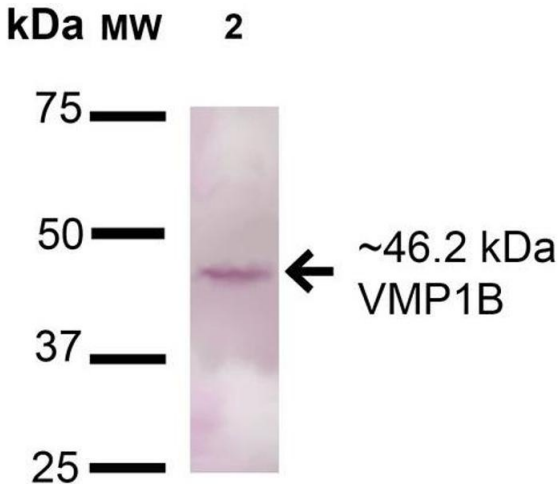
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, 50 % glycerol, 0.09 % sodium azide, Storage buffer may change when conjugated
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:	4 °C
Storage Comment:	Conjugated antibodies should be stored at 4°C



Immunofluorescence (fixed cells)

Image 1. Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-VMP1 Polyclonal Antibody . Tissue: Colon carcinoma cell line (RKO). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-VMP1 Polyclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Endoplasmic Reticulum-Golgi Intermediate Compartment Membrane, Vacuole Membrane. Magnification: 60X. (A) DAPI nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) VMP1 Antibody. (D) Composite.



Western Blotting

Image 2. Western blot analysis of Rat Pancreas cell lysates showing detection of 46.2kDa VMP1 protein using Rabbit Anti-VMP1 Polyclonal Antibody . Lane 1: Molecular Weight Ladder (MW). Lane 2: Rat Pancreas cell lysates. Load: 15 µg . Block: 5% Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-VMP1 Polyclonal Antibody at 1:1000 for 16 hours at 4°C. Secondary Antibody: Goat-Anti-Rabbit IgG: HRP at 1:200 for 60 min at RT. Color Development: TMB. Predicted/Observed Size: 46.2kDa. Other Band(s): Multiple bands for A549; Rat Brain shows a band at 60kDa, 75kDa, and 150kDa.