

# VSNL1/VILIP-1 Rabbit mAb

Catalog No.: A22101 **Recombinant**

## Basic Information

### Observed MW

18kDa

### Calculated MW

22kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC54745

## Background

This gene is a member of the visinin/recoverin subfamily of neuronal calcium sensor proteins. The encoded protein is strongly expressed in granule cells of the cerebellum where it associates with membranes in a calcium-dependent manner and modulates intracellular signaling pathways of the central nervous system by directly or indirectly regulating the activity of adenylyl cyclase. Alternatively spliced transcript variants have been observed, but their full-length nature has not been determined.

## Recommended Dilutions

**WB** 1:1000 - 1:5000

**IF/ICC** 1:50 - 1:200

## Immunogen Information

### Gene ID

7447

### Swiss Prot

P62760

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 2-191 of human VSNL1/VILIP-1 (NP\_003376.2).

### Synonyms

HLP3; VILIP; HPCAL3; HUVISL1; VILIP-1; VSNL1/VILIP-1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

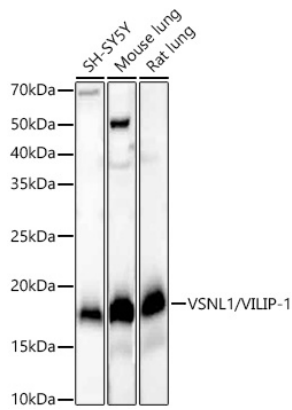
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of extracts of various cell lines, using VSNL1/VILIP-1 antibody (A22101) at 1:2000 dilution.

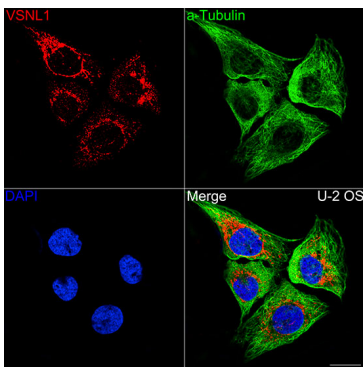
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Confocal imaging of U-2 OS cells using VSNL1/VILIP-1 Rabbit mAb (A22101, dilution 1:200) (Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 60x.