

VILIP1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AW5013

Product Information

Application WB Primary Accession P62760

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 22142
Isotype Rabbit IgG
Antigen Source HUMAN

Additional Information

Gene ID 7447

Antigen Region 123-150

Other Names VSNL1; VISL1; Visinin-like protein 1; Hippocalcin-like protein 3

Dilution WB~~1:1000

Target/Specificity This VILIP1 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 123-150 amino acids from the

C-terminal region of human VILIP1.

Format Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions VILIP1 Antibody (C-term) is for research use only and not for use in diagnostic

or therapeutic procedures.

Protein Information

Name VSNL1

Synonyms VISL1

Function Regulates (in vitro) the inhibition of rhodopsin phosphorylation in a

calcium-dependent manner.

Tissue Location

Brain and retina. Neuron-specific in the central and peripheral nervous system. Increased in the cerebrospinal fluid of Alzheimer disease patients (at protein level)

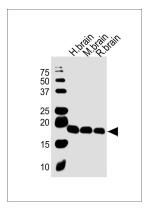
Background

The visinin and visinin-like peptides represent a family of calcium-binding proteins that are highly expressed in the retina. Visinin has been shown to be a cone cell-specific protein with a molecular weight of 24 kDa. Several members of the visinin family of genes have been isolated and characterized from different species. These peptides are believed to be involved in the processes of phototransduction. The recoverin gene (RCV1) is believed to be involved in the pathophysiology of retinopathy in cancer patients.

References

Braunewell, K.H., et al., Neuropharmacology 44(6):707-715 (2003). Lin, L., et al., J. Biol. Chem. 277(44):41872-41878 (2002). Spilker, C., et al., J. Neurosci. 22(17):7331-7339 (2002). Bernstein, H.G., et al., Neuroreport 13(4):393-396 (2002). Lin, L., et al., Biochem. Biophys. Res. Commun. 296(4):827-832 (2002).

Images



All lanes: Anti-STRADA Antibody (C-term) at 1:1000 dilution Lane 1: human brain lysates Lane 2: mouse brain lysates Lane 3: rat brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size: 48 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.