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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)

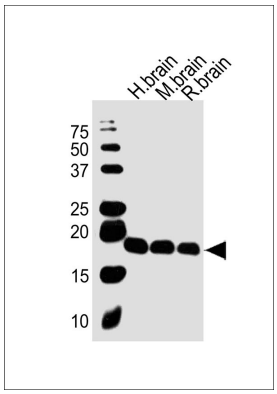
Background

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.