

ARG10740 anti-Visinin like 1 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Visinin like 1
Tested Reactivity	Hu, Ms, Rat, Bov, Pig
Tested Application	ICC/IF, IHC-Fr, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Visinin like 1
Species	Human
Immunogen	Full length recombinant Human Visinin-like 1.
Conjugation	Un-conjugated
Alternate Names	HPCAL3; HUVISL1; Visinin-like protein 1; HLP3; Hippocalcin-like protein 3; VILIP; VLP-1; VILIP-1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:2000
	IHC-Fr	1:2000
	WB	1:10000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

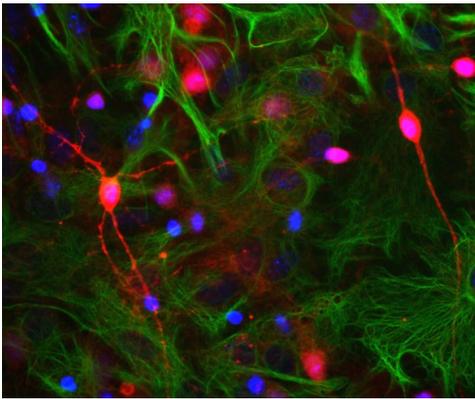
Properties

Form	Liquid
Purification	Affinity purification.
Buffer	PBS and 50% Glycerol.
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

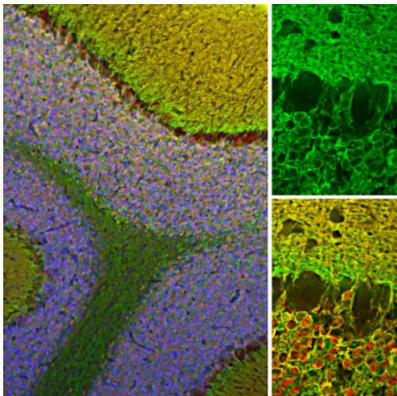
Gene Symbol	VSNL1
Gene Full Name	visinin-like 1
Background	This gene is a member of the visinin/recoverin subfamily of neuronal calcium sensor proteins. The encoded protein is strongly expressed in granule cells of the cerebellum where it associates with membranes in a calcium-dependent manner and modulates 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. [provided by RefSeq, Jul 2008]
Function	Regulates (in vitro) the inhibition of rhodopsin phosphorylation in a calcium-dependent manner. [UniProt]
Calculated Mw	22 kDa

Images



ARG10740 anti-Visinin like 1 antibody ICC/IF image

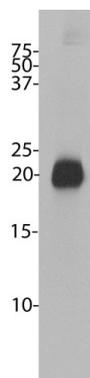
Immunocytochemistry: Rat Neuron-glia cell culture stained with ARG10740 anti-Visinin like 1 antibody (red) and co-stained with monoclonal antibody to GFAP (green); DNA (blue). ARG10740 reveals strong staining throughout some small neurons in soma and all processes, accumulation is seen in some hotspots along neurites. GFAP appears only in astrocytes.



ARG10740 anti-Visinin like 1 antibody IHC-Fr image

Immunohistochemistry: Frozen section of Rat cerebellum stained with ARG10740 anti-Visinin like 1 antibody (green) at 1:2000 dilution and costained with [ARG10703](#) anti-Calretinin antibody [6A9] (red) at 1:2000 dilution. DAPI (blue) for nuclear staining. (Sample preparation: Following transcardial perfusion of Rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45 μ M, and free-floating sections were stained with the above antibodies.)

The Visinin like 1 antibody reveals protein expressed in granule cells membranes and their synapses in both the granular and molecular layer of the cerebellum. The calretinin antibody stains the cytoplasm of neurons in the nuclear and molecular layers of cerebellum.



ARG10740 anti-Visinin like 1 antibody WB image

Western blot: Bovine cerebellum homogenate stained with ARG10740 anti-Visinin like 1 antibody.

ARG10740 anti-Visinin like 1 antibody WB image

Western blot: Rat brain, Mouse brain, Pig hippocampus and Cow cerebellum lysates stained with ARG10740 anti-Visinin like 1 antibody (green) at 1:20000 dilution.

