

ARG10688 anti-Visinin like 1 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Chicken Polyclonal antibody recognizes Visinin like 1
Tested Reactivity	Hu, Ms, Rat, Cow, Pig
Tested Application	ICC/IF, IHC-Fr, WB
Host	Chicken
Clonality	Polyclonal
Isotype	IgY
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	1:1000 - 1:2000
	IHC-Fr	1:1000 - 1:2000
	WB	1:5000 - 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
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
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 or below. 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

Database links	GeneID: 26950 Mouse
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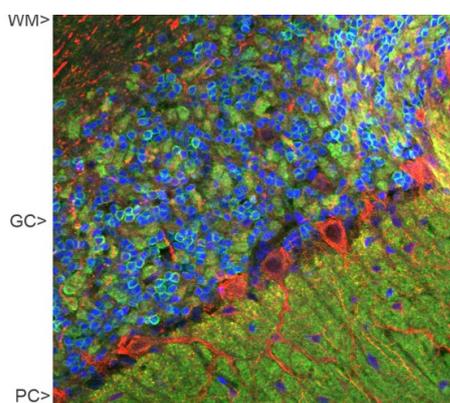
[GeneID: 7447 Human](#)

[Swiss-port # P62760 Human](#)

[Swiss-port # P62761 Mouse](#)

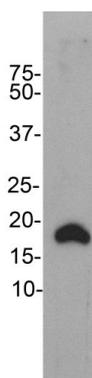
Gene Symbol	VSNL1
Gene Full Name	visinin-like 1
Background	This gene is a member of the visinin/recoverin subfamily of neuronal calcium sensor proteins. The encoded protein is strongly expressed in granule cells of the cerebellum where it associates with membranes in a calcium-dependent manner and modulates 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



ARG10688 anti-Visinin like 1 antibody IHC-Fr image

Immunohistochemistry: Confocal image of adult Rat cerebellar cortex frozen sections stained with ARG10688 anti-Visinin like 1 antibody (green) and co-stained with our polyclonal antibody to NF-M (red); DNA (blue). ARG10688 reveals synapses in the molecular layer (ML) strongly. Synaptic regions are also seen in the granule cell layer (GC). The perikarya of Purkinje cells (PC) and dendrites and axons are revealed with NF-M antibody. Staining of VLP-1 is seen in the white matter (WM).



ARG10688 anti-Visinin like 1 antibody WB image

Western blot: Rat brain homogenate stained with ARG10688 anti-Visinin like 1 antibody.

ARG10688 anti-Visinin like 1 antibody WB image

Western blot: Rat brain, Mouse brain, Pig hippocampus and Cow cerebellum lysates stained with ARG10688 anti-Visinin like 1 antibody (green) at 1:10000 dilution.

