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PRODUCT DATASHEET

Anti-Visinin-like protein 1 (VLP-1) Antibody

Product Details

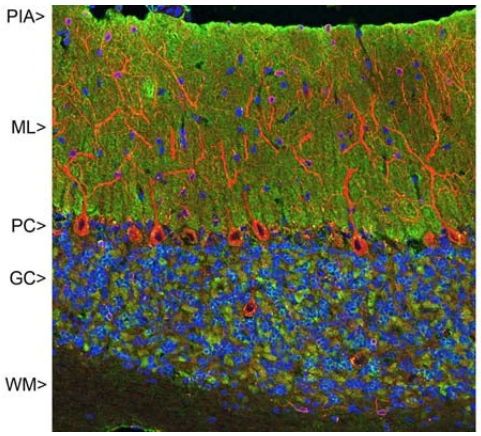
Available Variants	100 µg (SKU:M-1657-100)
Conjugate	Unconjugated
Isotype	IgG1
Clone	2D11
Host Species	Mouse
Format	IgG
Physical State	Lyophilized
Buffer	Lyophilized from PBS buffer pH 7.2-7.6 with 0.1% trehalose, and sodium azide
Production Notes	Protein G purified
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:500-1:1000 IHC: 1:500-1:1000 ICC: 1:500-1:1000
Species Reactivity	Bovine, Human, Mouse, Rat
Immunogen	Recombinant Visinin-like protein 1 expressed and purified from E. coli.
Specificity	The antibody reacts with a 22 kDa band by Western blot on bovine cerebellum lysate. It has also been used successfully for immunocytochemistry.
Molecular Weight	22 kDa
Storage	Spin vial briefly before opening. Reconstitute with 100 µL sterile-filtered, ultrapure water to achieve a 1 mg/mL concentration. Centrifuge to remove any insoluble material. After reconstitution of lyophilized antibody, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
UniProt ID	P62760 UniProt Summary: Regulates (in vitro) the inhibition of rhodopsin

	phosphorylation in a calcium-dependent manner.
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.
NCBI Gene ID	7447

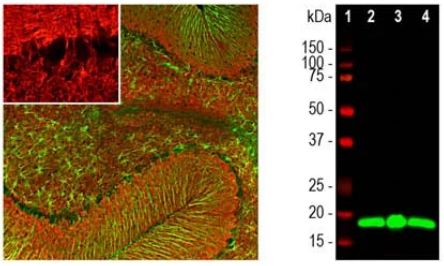
Product Images



Western blot of bovine cerebellum homogenate stained with M-1657-100.



Confocal image of adult rat cerebellar cortex stained with M-1657-100 (green), our chicken polyclonal antibody to MAP2 (Catalog Number C-1382-50, red) and DNA (blue). The M-1657-100 antibody 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) are revealed with MAP2 antibody (4). Little staining is seen in the white matter (WM).



Left: VILIP-1 staining of rat cerebellum section by **Immunohistochemistry**. Section was stained with mouse antibody to VILIP-1 (red, 1:500) and rabbit antibody to GFAP (R-1374-50, green, 1:5,000). Blue: DAPI nuclear stain.IHC Method: Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post-fixed for 24 hours, cut to 45 um, and free-floating sections were stained. The VILIP-1 antibody reveals protein expressed in granule cell membranes and in synapses in the white matter and molecular layers of the cerebellum. The GFAP antibody stains the processes of Bergmann glia and astroglia. **Right: Western blot** analysis of VILIP-1 expression (green, 1:1,000) in tissue lysates. [1] protein standard, [2] rat brain [3] rat cerebellum, and [4] mouse brain. The band at around 20 kDa corresponds to VILIP-1 protein.

Created on 19. November 2026 | All information without guarantee