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34-1133: Polyclonal Antibody to Visinin-like protein 1

Clonality :	Polyclonal
Application :	WB, IF/ICC, IHC
Reactivity :	Human, Rat, Mouse
Gene :	VSNL1
Gene ID :	7447
Uniprot ID :	P62760
Format :	Purified
Alternative Name :	Hippocalcin-like protein 3
Isotype :	Rabbit, IgG
Immunogen Information :	Full length recombinant human VLP1

Product Info

Amount :	50 µl / 100 µl
Content :	Antibody is supplied as an aliquot of 1mg/ml of affinity purified antibody
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

WB 1:10,000 IF/IHC 1:2,000

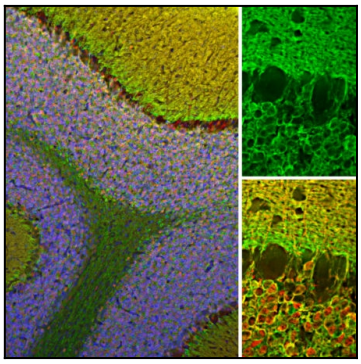

Figure-1: Immunofluorescent analysis of rat cerebellum section stained with rabbit pAb to VLP1, (34-1133), dilution 1:2,000 in green, and costained with mouse mAb to calretinin, dilution 1:2,000 in red. The blue is Hoechst staining of nuclear DNA. Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45Î¼M, and free-floating sections were stained with the above antibodies. The VLP1 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.

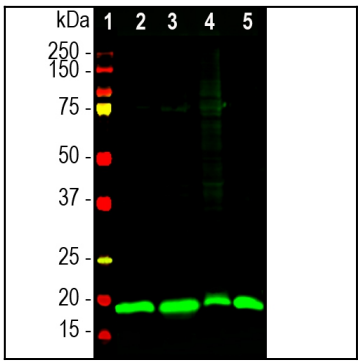

Figure-2: Western blot analysis of different tissue lysates using rabbit pAb to visinin-like Protein 1 (VLP1), (34-1133), dilution 1:20,000 in green: [1] protein standard (red), [2] rat brain [3] mouse brain, [4] pig hippocampus, and [5] cow cerebellum. The band at ~20kDa corresponds to the VLP1 protein.