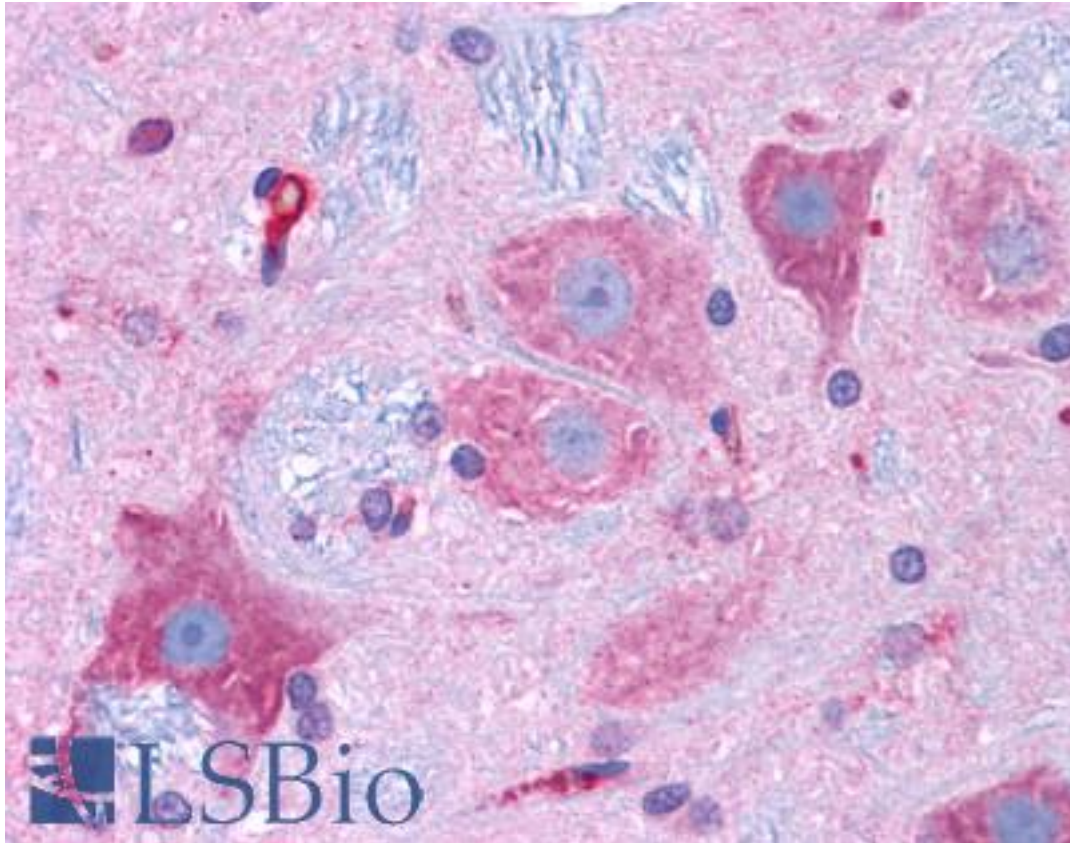


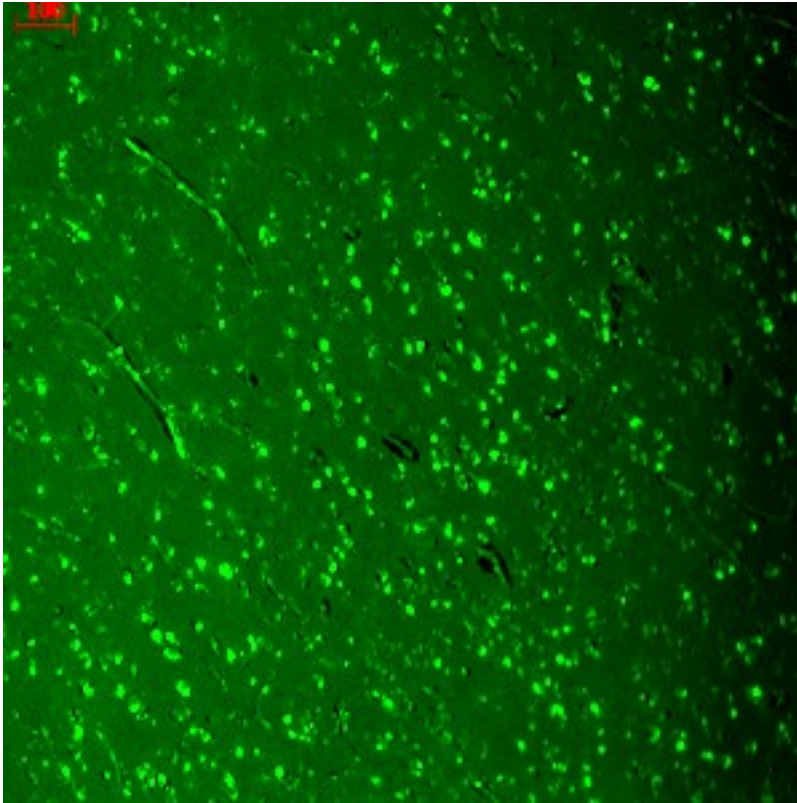
CACNA1D / Cav1.3 Mouse anti-Rat Monoclonal (aa859-875) (S48A-9) Antibody - LS-B4915 - LSBio	
CatalogID:	LS-B4915
Validation:	This antibody replaces catalog number LS-C109000. It has been validated for use in the following assays: IHC-P.
Target:	calcium channel, voltage-dependent, L type, alpha 1D subunit (CACNA1D)
Synonyms:	CACNA1D Antibody, Alpha 1d Antibody, CACH3 Antibody, CCHL1A2 Antibody, D-LTCCs Antibody, CACN4 Antibody, CACNL1A2 Antibody, Cav1.3 Antibody, SANDD Antibody
Family / Subfamily:	Ion Channel / Calcium channel - alpha subunit Cav1
Host	CACNA1D antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG2a
Clone Name:	S48A-9
Immunogen Species:	CACNA1D / Cav1.3 antibody was raised against Rat
Antigen Type:	Fusion protein
Immunogen:	CACNA1D / Cav1.3 antibody was raised against fusion protein amino acids 859-875 of rat Cav1.3, accession number P27732.
Specificity:	Detects ~250 kD protein. No cross-reactivity against Cav1.2.
Epitope:	aa859-875
Reactivity:	Rat, Human, Mouse
Purification:	Protein G purified
Presentation:	PBS, pH 7.4, 50% glycerol, 0.09% sodium azide. Sourced in Ascites.
Recommended Storage:	Store at -20°C.
Usage Summary:	Western Blot: Use the lysate in SDS buffer but without boiling, incubating for 20 mins at 37°C instead. Tested in Western blot using rat brain lysates. The antibody was also tested in Western blot using a cell extract from a combination of T98G, PC3, MCF7, Jurkat, HUVEC, HL-60, HepG2, HEK293, HeLa, HCT116, A49 and A431 cells.
Uses:	IHC - Paraffin (10 µg/ml), ICC (0.1 - 1 µg/ml), Western blot (1 - 10 µg/ml), Immunoprecipitation (1 - 10 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



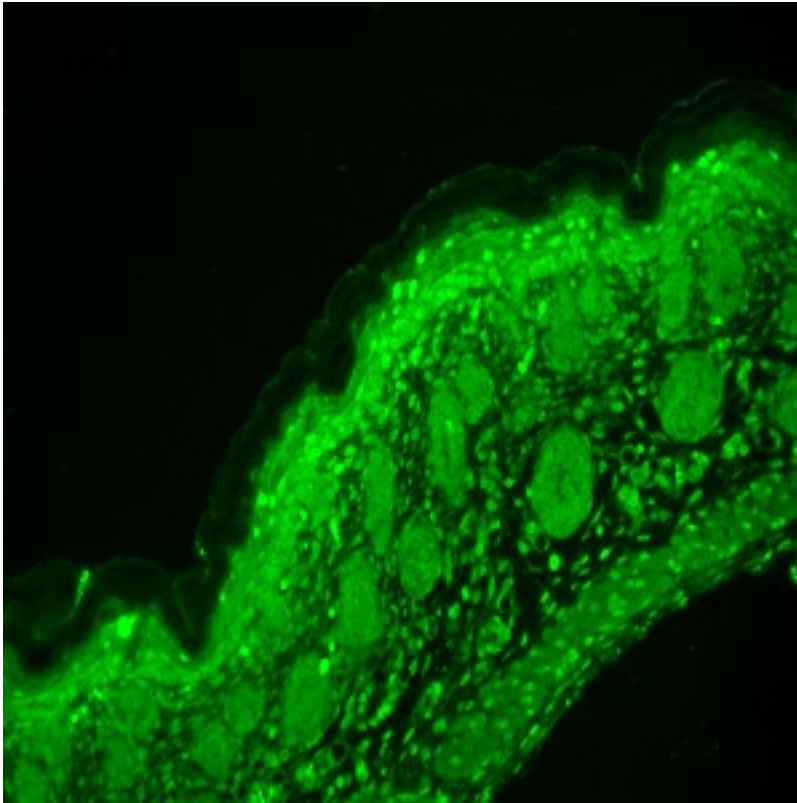
Anti-CACNA1D / Cav1.3 antibody IHC of rat brain. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B4915 concentration 10 ug/ml.

Immunofluorescence Image:



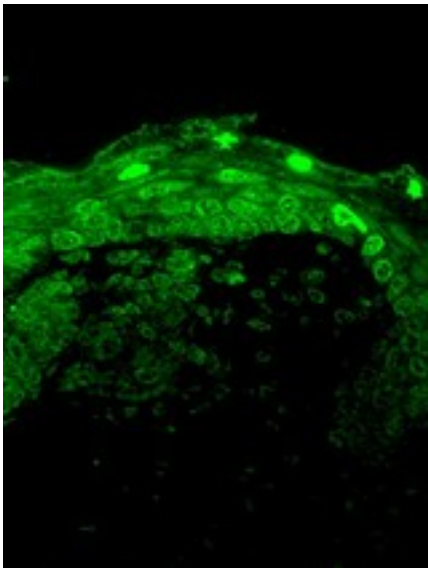
Cav1.3 (S48A-9), Human hippocampus.

Immunofluorescence Image:



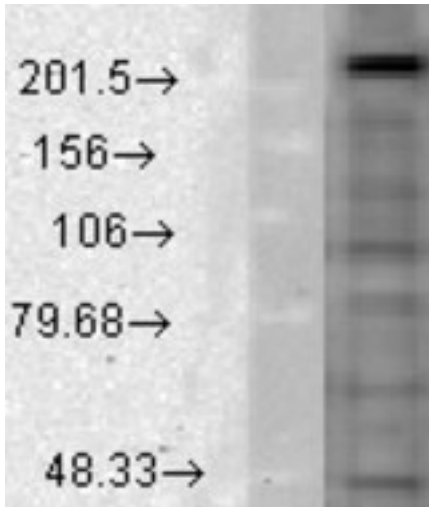
Cav1.3 (S48A-9), Mouse back skin(2).

Immunofluorescence Image:



Cav1.3 (S48A-9), Mouse back skin.

Western Blot Image:



Cav1.3 (S48A-9), Human cell line mix.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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Created on 9/24/2014

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