

Anti-CALB1/calbindin Antibody

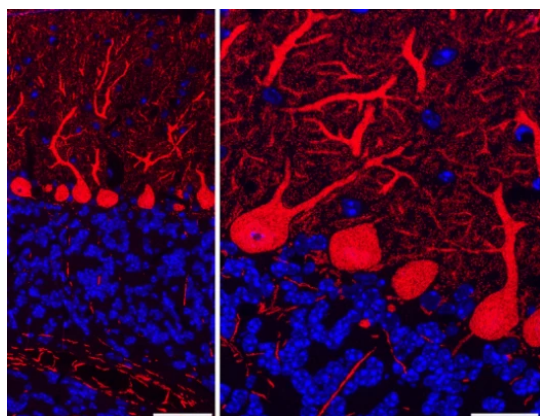


Product Details

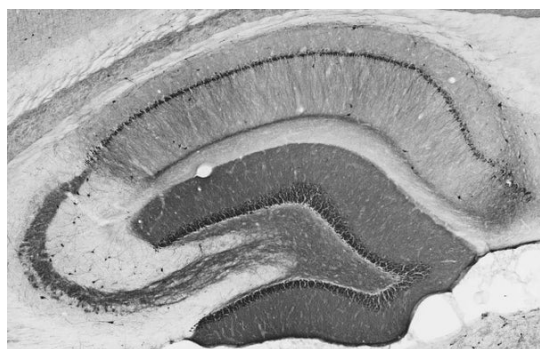
Available Variants	100 µL (SKU:75-448)
Conjugate	Unconjugated
Isotype	IgG1
Clone	L109/57
Gene Name	CALB1 CAB27
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	AT, ELISA, ICC, IHC, WB
Dilution Ranges	IHC: 1:250
Species Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 1-261 (full-length) of human CALB1 (accession number P05937) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	30 kDa
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.

Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2686913
UniProt ID	<u>P05937</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

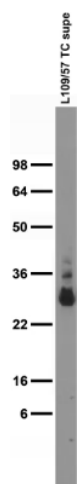
Product Images



Array tomography immunofluorescence of Lowicryl-embedded sections from adult mouse cerebellum with L109/57 (red) and DAPI (blue). Left panel is a single 70 nm section imaged with a 20X objective, with a scale bar of 50 μm . Right panel is a MAX projection of 10 serial 70 nm sections imaged with a 63X objective, with a scale bar of 20 μm . Images courtesy of Kristina Micheva (Stanford).



Adult rat hippocampus immunohistochemistry.



Adult rat brain membrane immunoblot.

Product Page URL: www.antibodiesinc.com/products/anti-calb1-calbindin-antibody-l109-57-75-448



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