Anti-CALB1 antibody (Full Length) (STJA0003587)

STJA0003587

GENERAL INFORMATION

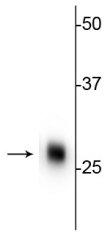
Product Type Primary antibodies
Short Description Mouse monoclonal antibody anti-Calbindin (Full Length) is suitable for use in Western Blot and Immunohistochemistry research applications.
Applications WB/IHC
Host/Source Mouse
Reactivity Bovine/Human/Mouse/Rat

PRODUCT PROPERTIES

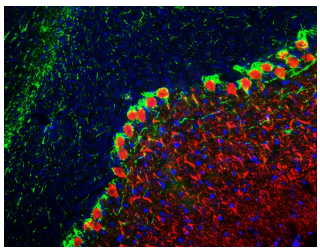
Clonality Monoclonal
Clone ID
Concentration
Conjugation Unconjugated
Purification This antibody was protein g purified culture from supernatant.
Dilution Range WB 1:2000
IHC 1:1000-1:5000
Formulation 100 ul in PBS + 50% Glycerol and 5 mM Sodium Azide
Isotype IgG2a
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

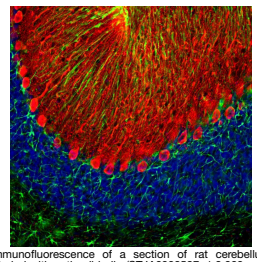
Gene ID 793
Gene Symbol CALB1
Uniprot ID CALB1_HUMAN
Immunogen Recombinant full length human calbindin purification from E. coli.
Immunogen Region Full Length
Specificity
Immunogen Sequence



Western blot of rat cerebellar lysate showing specific immunolabeling of the ~ 28 kDa calbindin protein.



Immunofluorescence of a section of rat cerebellum showing specific labeling of calbindin (STJA0003587, 1:1000, red) in the dendrites of Purkinje cells. Axons are labeled green with anti-Neurofilament H antibody (cat. STJA0003698, 1:25,000) , and additional nuclear staining with DAPI.



Immunofluorescence of a section of rat cerebellum labeled with anti-calbindin (STJA0003587, 1:2,000, red) , colabeled with anti-GFAP (cat. 620-GFAP, 1:5000, green) , and DAPI staining of nuclear DNA. The anti-calbindin prominently labels the dendrites and perikarya of Purkinje cells in the molecular layer of the cerebellum. The anti-GFAP labels the processes of Bergmann glia in the molecular layer and the astroglia in the granular and white layers of the cerebellum.

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