

Calretinin Rabbit mAb

Catalog # AP75181

Product Information

Application	WB, ICC
Primary Accession	P22676
Reactivity	Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	31540

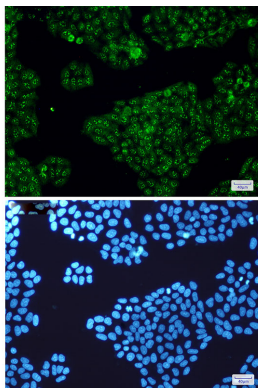
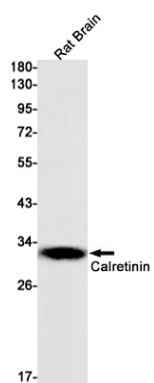
Additional Information

Gene ID	794
Other Names	CALB2
Dilution	WB~~1/500-1/1000 ICC~~N/A
Format	Liquid

Protein Information

Name	CALB2 (HGNC:1435)
Synonyms	CAB29
Function	Calcium-binding protein involved in calcium homeostasis and signal transduction. It plays a critical role in buffering intracellular calcium levels and modulating calcium-dependent signaling pathways (PubMed: 2001709). Predominantly expressed in specific neuronal populations, influences synaptic plasticity and neuronal excitability, contributing to learning and memory (By similarity). During embryonic development, it facilitates neuronal differentiation and maturation (By similarity).
Cellular Location	Synapse {ECO:0000250 UniProtKB:Q08331}. Cell projection, dendrite {ECO:0000250 UniProtKB:Q08331}. Note=Located in dendrioles, small dendrites that makes up a brush structure found as the terminal specialization of a dendrite of a unipolar brush cell {ECO:0000250 UniProtKB:Q08331}
Tissue Location	Brain.

Images



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