

Calretinin

Rabbit Monoclonal antibody(Mab)

Catalog # AD80262

Product Information

Application	IHC-P
Primary Accession	P22676
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	554J1B8
Calculated MW	31540

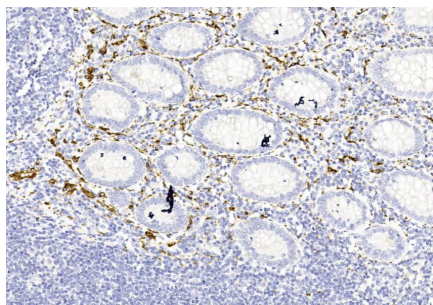
Additional Information

Gene ID	794
Gene Name	CALB2
Other Names	Calretinin, CR, 29 kDa calbindin, CALB2, CAB29
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	Calretinin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

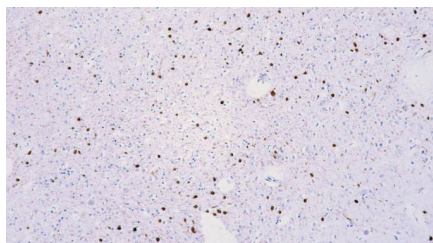
Protein Information

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



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human appendix tissue was performed with CR primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human brain tissue was performed with CR primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.