

Anti-CALB2 / Calretinin Antibody (aa201-250)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18354

Product Information

Application	WB, IHC-P, E
Primary Accession	P22676
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	31540

Additional Information

Gene ID	794
Alias Symbol	CALB2
Other Names	CALB2, 29 kDa calbindin, CAL2, Calretinin, CAB29, Calbindin 2, Calbindin D29K, CR
Target/Specificity	CALB2 Antibody detects endogenous levels of CALB2.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-CALB2 / Calretinin Antibody (aa201-250) 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.

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