

CALB2 Antibody

Purified Mouse Monoclonal Antibody Catalog # AO2056a

Specification

CALB2 Antibody - Product Information

Application E, WB
Primary Accession P22676
Reactivity Human
Host Mouse
Clonality Monoclonal
Isotype IgG1

Calculated MW 31.5kDa KDa

Description

This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Alternative splicing results in multiple transcript variants.

Immunogen

Purified recombinant fragment of human CALB2(AA: 1-271) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

CALB2 Antibody - Additional Information

Gene ID 794

Other Names

Calretinin, CR, 29 kDa calbindin, CALB2, CAB29

Dilution

E~~1/10000

WB~~1/500 - 1/2000

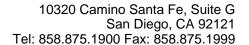
Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CALB2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CALB2 Antibody - Protein Information





Name CALB2

Synonyms CAB29

Function

Calretinin is a calcium-binding protein which is abundant in auditory neurons.

Tissue Location Brain.

CALB2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture