

CALB2 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO2055a

Specification

CALB2 Antibody - Product Information

Application	E, WB, FC, IHC
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
FC~~1/200 - 1/400
IHC~~1/200 - 1/400

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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)