10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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 Cytomety
- Cell Culture