

**CALB2 Antibody**  
**Purified Mouse Monoclonal Antibody**  
**Catalog # AO2055a**

**Specification**

**CALB2 Antibody - Product Information**

Application	<b>E, WB, FC, IHC</b>
Primary Accession	<a href="#">P22676</a>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>IgG1</b>
Calculated MW	<b>31.5kDa KDa</b>

**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](#)