

CALB2/CR Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP14086b**Specification****CALB2/CR Antibody (C-term) Blocking peptide -
Product Information**Primary Accession [P22676](#)**CALB2/CR Antibody (C-term) Blocking peptide -
Additional Information****Gene ID 794****Other Names**Calretinin, CR, 29 kDa calbindin, CALB2,
CAB29**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP14086b was selected from the C-term region of CALB2/CR. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CALB2/CR Antibody (C-term) Blocking peptide -
Protein Information****Name CALB2****Synonyms CAB29****CALB2/CR Antibody (C-term) Blocking
peptide - Background**

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.

**CALB2/CR Antibody (C-term) Blocking
peptide - References**

Toth, K., et al. Brain
133(9):2763-2777(2010)
Iio, K., et al. Biochem.
Biophys. Res. Commun.
393(4):565-570(2010)
Raiko, I., et al. BMC
Cancer 10, 242 (2010)
Melotti, A., et al. BMC
Cancer 10, 54 (2010)
Schwaller, B., et al. Eur.
J. Biochem. 230(2):424-430(1995)

Function

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

Tissue Location

Brain.

CALB2/CR Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)