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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

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

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

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

This gene encodes an intracellular calcium-binding proteinbelonging to the troponin C superfamily. Members of this proteinfamily have six EF-hand domains which bind calcium. This proteinplays a role in diverse cellular functions, including messagetargeting and intracellular calcium buffering. It also functions asa modulator of neuronal excitability, and is a diagnostic markerfor some human diseases, including Hirschsprung disease and somecancers. Alternative splicing results in multiple transcriptvariants.

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)