

Calretinin Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10946b**Specification**

Calretinin Antibody (C-term) Blocking peptide - Product Information

Primary Accession [P22676](#)

Calretinin Antibody (C-term) Blocking peptide - Additional Information

Gene ID 794

Other Names

Calretinin, CR, 29 kDa calbindin, CALB2, CAB29

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.

Calretinin 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.

Calretinin Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

Calretinin Antibody (C-term) Blocking peptide - Images

Calretinin 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.

Calretinin 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)