10320 Camino Santa Fe, Suite G
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CA10 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP8541c

Specification

CA10 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q9NS85

CA10 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 56934

Other Names
Carbonic anhydrase-related protein 10, Carbonic anhydrase-related protein X, CA-RP X, CARP X, Cerebral protein 15, CA10

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8541c was selected from the Center region of human CA10. 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.

CA10 Antibody (Center) Blocking Peptide - Protein Information

Name CA10

Function
Does not have a catalytic activity.

Tissue Location
Strong expression in brain and central nervous system.

CA10 Antibody (Center) Blocking Peptide - Protocols

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

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- Blocking Peptides

CA10 Antibody (Center) Blocking Peptide - Images

CA10 Antibody (Center) Blocking Peptide - Background

CA10 belongs to the carbonic anhydrase family of zinc metalloenzymes, which catalyze the reversible hydration of carbon dioxide in various biological processes. This protein is an acatalytic member of the alpha-carbonic anhydrase subgroup, and it is thought to play a role in the central nervous system, especially in brain development.

CA10 Antibody (Center) Blocking Peptide - References

Taniuchi,K., et.al., Neuroscience 112 (1), 93-99 (2002)Okamoto,N., et.al., Biochim. Biophys. Acta 1518 (3), 311-316 (2001)