

**CA10 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8541c****Specification**

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**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](/products/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.

- [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)