

**CA8 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9692b****Specification**

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**CA8 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P35219](#)**CA8 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 767**Other Names**

Carbonic anhydrase-related protein, CARP, Carbonic anhydrase VIII, CA-VIII, CA8, CALS

**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.

**CA8 Antibody (C-term) Blocking Peptide - Protein Information****Name** CA8**Synonyms** CALS**Function**

Does not have a carbonic anhydrase catalytic activity.

**CA8 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**CA8 Antibody (C-term) Blocking Peptide - Images****CA8 Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene was initially named CA-related protein because of sequence similarity to other known carbonic anhydrase genes. However, the gene product lacks carbonic anhydrase activity (i.e., the reversible hydration of carbon dioxide). The gene product continues to

carry a carbonic anhydrase designation based on clear sequence identity to other members of the carbonic anhydrase gene family. The absence of CA8 gene transcription in the cerebellum of the lurcher mutant in mice with a neurologic defect suggests an important role for this acatalytic form.

#### **CA8 Antibody (C-term) Blocking Peptide - References**

Picaud, S.S., et al. Proteins 76(2):507-511(2009)Turkmen, S., et al. PLoS Genet. 5 (5), E1000487 (2009) Mori, S., et al. J. Bone Miner. Metab. 27(2):213-216(2009)Nishikata, M., et al. Mol. Carcinog. 46(3):208-214(2007)