

CA8 Antibody (C-term) Blocking Peptide

Synthetic peptide Catalog # BP9692b

Specification

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

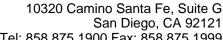
Provided below are standard protocols that you may find useful for product applications.

• 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





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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)