

CA11 Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP7304c

Specification

CA11 Antibody (Center) Blocking Peptide - Product Information

Primary Accession <u>075493</u>

CA11 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 770

Other Names

Carbonic anhydrase-related protein 11, CA-RP XI, CA-XI, CARP XI, Carbonic anhydrase-related protein 2, CA-RP II, CARP-2, CA11, CARP2

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP7304c was selected from the Center region of human CA11. 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.

CA11 Antibody (Center) Blocking Peptide - Protein Information

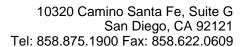
Name CA11

CA11 Antibody (Center) Blocking Peptide - Background

CA11 belongs a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. CA11 is likely a secreted protein, however, radical changes at active site residues completely conserved in CA isozymes with catalytic activity, make it unlikely that it has carbonic anhydrase activity. This protein shares properties in common with two other acatalytic CA isoforms, CA VIII and CA X. The protein is most abundantly expressed in brain, and may play a general role in the central nervous system.

CA11 Antibody (Center) Blocking Peptide - References

Bellingham, J. Biochem. Biophys. Res. Commun. 253 (2), 364-367 (1998)Lovejoy, D.A., Hewett-Emmett, D. Genomics 54 (3), 484-493 (1998)





Synonyms CARP2

Function

Does not have a catalytic activity.

Cellular Location Secreted.

Tissue Location

Expressed abundantly in the brain with moderate expression also present in spinal cord and thyroid

CA11 Antibody (Center) Blocking Peptide - Protocols

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

• Blocking Peptides