

Recombinant Human CA11

Catalog No: #GP12706



Package Size: #GP12706-1 100ug

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Description

Product Name	Recombinant Human CA11
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 129-328 amino acids of human CA11
Target Name	carbonic anhydrase 11
Other Names	CARPX1
Accession No.	Swissprot:O75493Gene Accession:BC002662
Uniprot	O75493
GeneID	770;
Storage	-20~-80°C, pH 7.6 PBS

Background

Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. CA XI 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. It shares properties in common with two other acatalytic CA isoforms, CA VIII and CA X. CA XI is most abundantly expressed in brain, and may play a general role in the central nervous system.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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