

## CA11 抗原（重组蛋白）

中文名称： CANT1 抗原（重组蛋白）

英文名称： CANT1 Antigen (Recombinant Protein)

别名： calcium activated nucleotidase 1; DBQD; DBQD1; SCAN1; SHAPY; SCAN-1

储存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to a region derived from 129-328 amino acids of human CA11

### 技术规格

<b>Full name:</b>	carbonic anhydrase 11
<b>Synonyms:</b>	CARPX1
<b>Swissprot:</b>	O75493
<b>Gene Accession:</b>	BC002662
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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 acatalyt

ic 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.