

Recombinant Human CA1

Catalog No: #GP10244



Package Size: #GP10244-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human CA1
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	Carbonic anhydrase 1
Other Names	CAB, CA-I, Car1
Accession No.	Swissprot:P00915Gene Accession:BC027890
Uniprot	P00915
GeneID	759;
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. CA1 is closely linked to CA2 and CA3 genes on chromosome 8, and it encodes a cytosolic protein which is found at the highest level in erythrocytes. Variants of this gene have been described in some populations. Multiple alternatively spliced variants, encoding the same protein, have been identified. Transcript variants of CA1 utilizing alternative polyA_sites have been described in literature.

References

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

Note: This product is for in vitro research use only