
Product Name: Carbonic Anhydrase 1/CA1 Rabbit Monoclonal Antibody**Catalog #: AMRe87363**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:2000,FC 1:200-1:500
Molecular Weight	Calculated MW:29 kDa; Observed MW:29 kDa

Antigen Information

Gene Name	Carbonic Anhydrase 1/CA1
Alternative Names	CAB; CA-I; Car1; HEL-S-11
Gene ID	759
SwissProt ID	P00915
Immunogen	Recombinant protein of human Carbonic Anhydrase 1/CA1

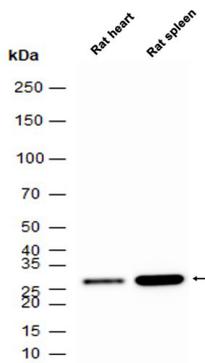
Background

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. This CA1 gene is closely linked to the CA2 and CA3 genes on chromosome 8. It encodes a cytosolic protein that is found at the highest level in erythrocytes. Allelic variants of this gene have been described in some populations. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Nov 2016]

Research Area

Image Data



Western blot analysis of extracts from Rat heart, Rat spleen tissue using Carbonic Anhydrase 1/CA1 Rabbit Monoclonal Antibody at 1:1000.