

Carbonic Anhydrase I Rabbit pAb

db5581

Package : 20μL 50μL 100μL

Product Name : Carbonic Anhydrase I Rabbit pAb**Cat.No.:** db5581**Synonyms** : CAB; CA-I; Car1; HEL-S-11**Application** : WB, IHC, ICC/IF**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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]

Immunogen

A synthetic peptide of human Carbonic Anhydrase I

Gene ID

759

Swiss Prot

P00915

Synonyms

CAB; CA-I; Car1; HEL-S-11

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF

Recommended dilution

WB: 1:2000-1:10000

IHC: 1:50

ICC/IF: 1:200-1:1000

Calculated MW

29 kDa

Observed MW

29 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.