



## CA I Polyclonal Antibody

Cat No: HR1AP8653

For research use only

### Overview

Product Name	CA I Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	29kDa
GenelD?Human?	CA1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CA1; Carbonic anhydrase 1; Carbonate dehydratase I; Carbonic anhydrase B; CAB; Carbonic anhydrase I; CA-I
Background	carbonic anhydrase 1(CA1) Homo sapiens 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 results in multiple transcript variants. [provided by RefSeq, May 2014],