

CA VA Polyclonal Antibody

Cat No: HR1AP2924

For research use only

Overview

Product Name	CA VA Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	35kDa
GeneID?Human?	CA5A
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CA5A; CA5; Carbonic anhydrase 5A; mitochondrial; Carbonate dehydratase VA; Carbonic anhydrase VA; CA-VA
Background	<p>carbonic anhydrase 5A(CA5A) 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. CA VA is localized in the mitochondria and expressed primarily in the liver. It may play an important role in ureagenesis and gluconeogenesis. CA5A gene maps to chromosome 16q24.3 and an unprocessed pseudogene has been assigned to 16p12-p11.2. [provided by RefSeq, Jul 2008],</p>