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# CA5B Antibody

货号: **AYP5949**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF ELISA
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF:</b> 1:50 - 1:200
理论分子量	36kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-549,Mouse kidney,Mouse lung,Mouse spleen,Rat lung
细胞定位	Mitochondrion
纯化	Affinity purification

## 抗原信息

抗原信息	Synthesized peptide derived from Human CA5B.
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## 靶点信息

研究背景	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 VB is localized in the mitochondria and shows the highest sequence similarity to the other mitochondrial CA, CA VA. It has a wider tissue distribution than CA VA, which is restricted to the liver. The differences in tissue distribution suggest that the two mitochondrial carbonic anhydrases evolved to assume different physiologic roles. [provided by RefSeq, Jul 2008]
基因ID	11238
基因名	CA5B
Swiss	Q9Y2D0 ( <a href="https://www.uniprot.org/uniprotkb/Q9Y2D0/entry">https://www.uniprot.org/uniprotkb/Q9Y2D0/entry</a> )
别名	CA5B,CA-VB,CA5B Antibody,Carbonate dehydratase VB,Carbonic anhydrase VB

## 产品验证

## 实验步骤

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