

# Carbonic Anhydrase 1 Rabbit mAb

货号: **AYM29593**

## 产品信息

反应	Human,Mouse,Rat,Zebrafish
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	28kDa
实测分子量	29kDa
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	293T,Mouse liver,Mouse heart,Mouse brain
细胞定位	Cytoplasm
纯化	Affinity purification

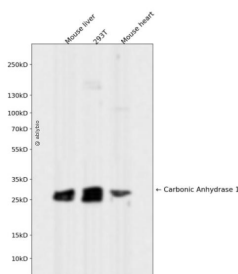
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Carbonic Anhydrase 1.
序列	MASPDWGYDDKNGPEQWSKLYPIANGNNQSPVDIKTSETKHDTSLKPISVSYNPATAKEIINVGHFSFHVNFEDNDNRSVL KGGPFSDSYRLFQFHFHWGSTNEHGSEHTVDGVKYSaelhVAHWNSAKYSSLAEEAASKADGLAVIGVLMKVGEANPKL QKVLDALQAIKTKGRAPFTNFDPSTLLPSSLDFTWYPGSLTHPPLYESVTWIIKESISVSSEQLAQFRSLLSNVEGDNAV PMQHNNRPTQPLKGRTVRASF

## 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. 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.
基因ID	759
基因名	CA1
Swiss	P00915
别名	CA1;CA-I;CAB;Car1;HEL-S-11

## 产品验证



Western blot analysis of Carbonic Anhydrase 1 expressed in Mouse liver, 293T, Mouse heart using Carbonic Anhydrase 1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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