

# Carbonic Anhydrase IX Rabbit mAb

货号: **AYM29983**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	50kDa
实测分子量	50kDa
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	HT-29,SW620
细胞定位	Cell membrane,Cell projection,Nucleus,Single-pass type I membrane protein,microvillus membrane,nucleolus
纯化	Affinity purification

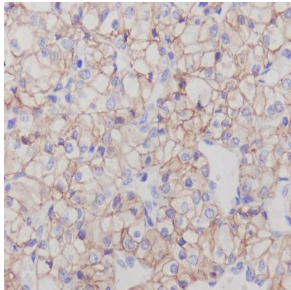
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Carbonic Anhydrase IX.
序列	HSVQLTLPPGLEMALGPGREYRALQLHLHWGAAGRPGSEHTVEGHRFP AEIHVVHLSTAFARVDEALGRPGGLAVLAAFL EEGPEENSAYEQLLSRLEEIA

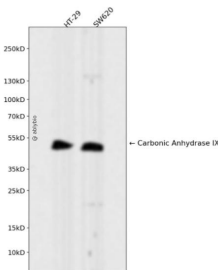
## 靶点信息

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 IX is a transmembrane protein and is one of only two tumor-associated carbonic anhydrase isoenzymes known. It is expressed in all clear-cell renal cell carcinoma, but is not detected in normal kidney or most other normal tissues. It may be involved in cell proliferation and transformation. This gene was mapped to 17q21.2 by fluorescence in situ hybridization, however, radiation hybrid mapping localized it to 9p13-p12. [provided by RefSeq, Jun 2014]
基因ID	768
基因名	CA9
Swiss	Q16790
别名	CAIX; MN

## 产品验证



Immunohistochemical analysis of paraffin-embedded human kidney cancer, using CA9 Antibody.



Western blot analysis of Carbonic Anhydrase IX expressed in HT-29, SW620 using Carbonic Anhydrase IX Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:500. 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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