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Carbonic Anhydrase IX Rabbit mAb

货号: **AYM29983**

产品信息

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| 反应 | Human |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC |
| 推荐浓度 | WB: 1:500 - 1:2000 IHC: 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 |

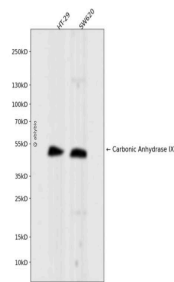
抗原信息

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| 抗原信息 | Recombinant fusion protein corresponding to Human Carbonic Anhydrase IX. |
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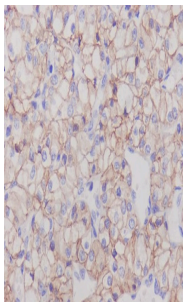
靶点信息

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| 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 (https://www.uniprot.org/uniprotkb/Q16790/entry) |
| 别名 | Carbonic Anhydrase IX, Carbonic Anhydrase IX Rabbit mAb, CA9, Carbonate dehydratase IX, Membrane antigen MN, P54/58N, Renal cell carcinoma-associated antigen G250, pMW1, G250, MN |

产品验证



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 1:5000. Lysates/proteins: 30 ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



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

实验步骤

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