皮诺飞生物科技

Anti-Carbonic Anhydrase 9（CA9） Rabbit pAb

货号: PN0152

产品信息

全称	Anti-Carbonic Anhydrase 9（CA9） Rabbit pAb
别名	MN; CAIX; Carbonic Anhydrase 9 (CA9/G250)
抗体来源/类型	Rabbit Polyclonal
交叉反应	Human, Mouse, Rat
产品应用	WB :1: 500 - 1:2000 IHC-P: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论/实际分子量	50kDa / 58kDa
细胞定位	Cell membrane, Cell projection, Nucleus, Single-pass type I membrane protein, microvillus membrane, nucleolus
性　状	Liquid
浓　度	
免 疫 原	Recombinant fusion protein containing a sequence corresponding to amino acids 52-151 of human Carbonic Anhydrase 9
亚　型	IgG
纯化方法	Affinity purification
Uniprot ID	Q16790
缓 冲 液	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
保存条件	Store at -20°C. Stable for one year after shipment. Aliquoting is unnecessary for -20oC storage.
注意事项	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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.