

KD-Validated Anti-Carbonic anhydrase 9 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI2352

Product Information

Application	WB, ICC
Primary Accession	Q16790
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB 1770
Calculated MW	49698
Gene Name	CA9
Aliases	CA9; Carbonic Anhydrase 9; CAIX; MN; Carbonic Anhydrase IX; Renal Cell Carcinoma-Associated Antigen G250; RCC-Associated Protein G250; RCC-Associated Antigen G250; Carbonate Dehydratase IX; Carbonic Dehydratase; Membrane Antigen MN; P54/58N; CA-IX; PMW1; EC 4.2.1.1; G250
Immunogen	A synthesized peptide derived from human CA9

Additional Information

Gene ID	768
Other Names	Carbonic anhydrase 9, 4.2.1.1, Carbonate dehydratase IX, Carbonic anhydrase IX, CA-IX, CAIX, Membrane antigen MN, P54/58N, Renal cell carcinoma-associated antigen G250, RCC-associated antigen G250, pMW1, CA9, G250, MN

Protein Information

Name	CA9
Synonyms	G250, MN
Function	Catalyzes the interconversion between carbon dioxide and water and the dissociated ions of carbonic acid (i.e. bicarbonate and hydrogen ions).
Cellular Location	Nucleus. Nucleus, nucleolus. Cell membrane; Single-pass type I membrane protein. Cell projection, microvillus membrane; Single-pass type I membrane protein. Note=Found on the surface microvilli and in the nucleus, particularly in nucleolus
Tissue Location	Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the

epithelial cells of gastric mucosa

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