

Anti-Carbonic Anhydrase 9 Antibody
Rabbit polyclonal antibody to Carbonic Anhydrase 9
Catalog # AP59494

Specification

Anti-Carbonic Anhydrase 9 Antibody - Product Information

Application	WB
Primary Accession	Q16790
Other Accession	Q8VHB5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49698

Anti-Carbonic Anhydrase 9 Antibody - Additional Information

Gene ID 768

Other Names

G250; MN; Carbonic anhydrase 9; 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

Target/Specificity

Recognizes endogenous levels of Carbonic Anhydrase 9 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-Carbonic Anhydrase 9 Antibody - 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

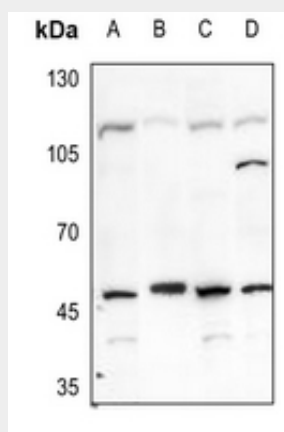
Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa

Anti-Carbonic Anhydrase 9 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Carbonic Anhydrase 9 Antibody - Images



Western blot analysis of Carbonic Anhydrase 9 expression in U2OS (A), mouse kidney (B), mouse brain (C), rat brain (D) whole cell lysates.

Anti-Carbonic Anhydrase 9 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Carbonic Anhydrase 9. The exact sequence is proprietary.