

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

## Specification

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### Anti-Carbonic Anhydrase 9 Antibody - Product Information

Application	WB
Primary Accession	<a href="#">Q16790</a>
Other Accession	<a href="#">Q8VHB5</a>
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

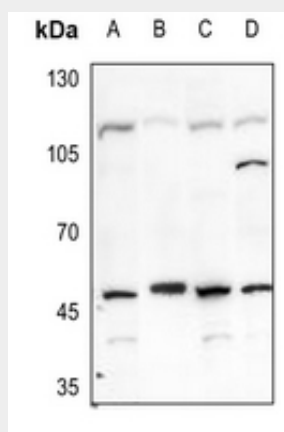
Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa

#### 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.