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# Datasheet for ABIN7139767 anti-CA9 antibody (AA 38-414)

2 Images



#### Overview

Quantity:	100 µL
Target:	CA9
Binding Specificity:	AA 38-414
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA9 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

### Product Details

Immunogen:	Peptide sequence from Human Carbonic anhydrase 9 protein (38-414AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

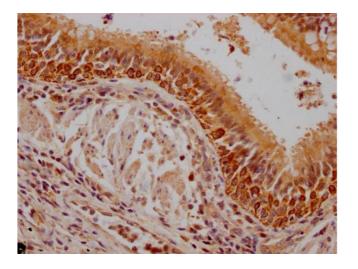
Target:	CA9
Alternative Name:	CA9 (CA9 Products)
Background:	Background: Reversible hydration of carbon dioxide. Participates in pH regulation. May be
	involved in the control of cell proliferation and transformation. Appears to be a novel specific

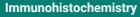
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UniProt:	Q16790
	antigen G250 antibody, Renal cell carcinoma-associated antigen G250 antibody
	P54/58N antibody, pMW1 antibody, RCC associated protein G250 antibody, RCC-associated
	Carbonic dehydratase antibody, G250 antibody, Membrane antigen MN antibody, MN antibody,
	dehydratase IX antibody, Carbonic anhydrase 9 antibody, Carbonic anhydrase IX antibody,
	Aliases: CA-IX antibody, CA9 antibody, CAH9_HUMAN antibody, CAIX antibody, Carbonate
	biomarker for a cervical neoplasia.

## Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

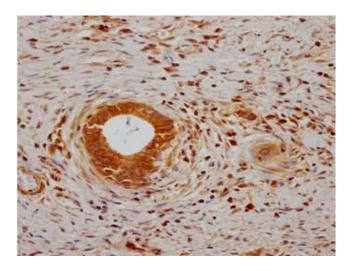




**Image 1.** IHC image of ABIN7139767 diluted at 1:200 and staining in paraffin-embedded human lung cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05 % DAB.

#### Immunohistochemistry

**Image 2.** IHC image of ABIN7139767 diluted at 1:200 and staining in paraffin-embedded human gastric cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05 % DAB.



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