

Carbonic Anhydrase 9 Rabbit mAb (AR1077)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, IP, ELISA
Isotype:	IgG, Kappa
MW:	49kD (Calculated) 49kD (Observed)

Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:1000-5000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

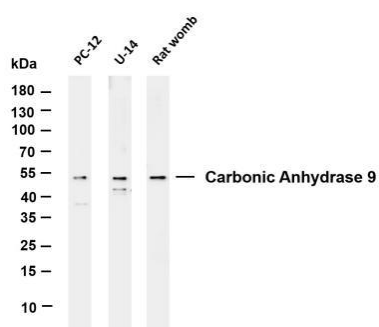
Gene name	CA9
Protein Name	Carbonic anhydrase 9

Organism	Gene ID	UniProt ID
Human	768	Q16790
Mouse	230099	Q8VHB5

Cellular Localization	Membranous
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Tissue specificity	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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Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Carbonic Anhydrase 9 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

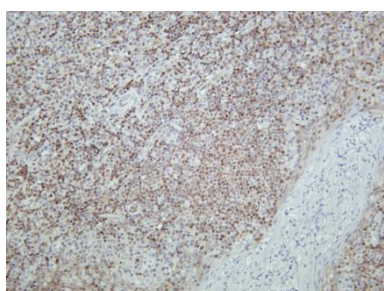
Lane 1: PC-12

Lane 2: U-14

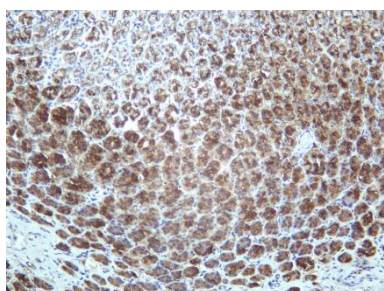
Lane 3: Rat womb

Predicted band size: 49kDa

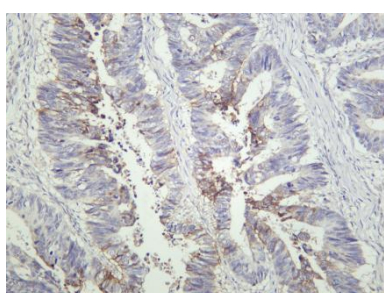
Observed band size: 49kDa



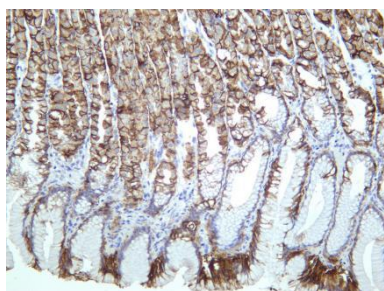
Human tonsil was stained with Anti-Carbonic Anhydrase 9 rabbit antibody



Rat stomach was stained with Anti-Carbonic Anhydrase 9 rabbit antibody



Human colon carcinoma was stained with Anti-Carbonic Anhydrase 9 rabbit antibody



Human stomach was stained with Anti-Carbonic Anhydrase 9 rabbit antibody