

Carbonic Anhydrase 9 (ABT138) Rabbit mAb

CatalogNo: YM6258 **Recombinant** 

★IHC

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- IHC

Isotype

- IgG, Kappa

Storage

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

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

IHC 1:200-1:400

Basic Information

Clonality Monoclonal

Clone Number ABT138

Immunogen Information

Immunogen The specific immunogen used to produce this antibody is proprietary information.

Specificity Endogenous

Target Information

Gene name CA9

Protein Name Carbonic anhydrase 9

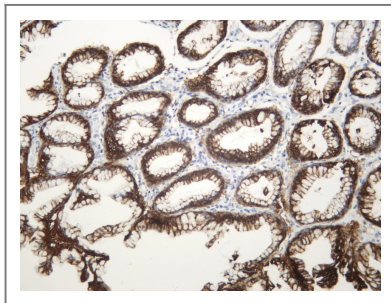
Organism	Gene ID	UniProt ID
Human	768;	Q16790;
Mouse	230099;	Q8VHB5;

Cellular Localization Membranous

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.

Function Catalytic activity: $\text{H}_2\text{O} + \text{CO}_2 = \text{HCO}_3^- + \text{H}^+$,cofactor:Zinc. ,Function: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 biomarker for a cervical neoplasia. ,induction:By hypoxia. ,PTM:Asn-346 bears high-mannose type glycan structures. ,similarity:Belongs to the alpha-carbonic anhydrase family. ,subcellular location:Found on the surface microvilli and in the nucleus , particularly in nucleolus. ,subunit:Forms oligomers linked by disulfide bonds. ,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. ,

Validation Data



Human stomach was stained with anti-Carbonic Anhydrase 9 Rabbit antibody

Contact information

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 400-8787-807(China)
Website: <http://www.immunoway.com.cn>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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Carbonic Anhydrase 9 (ABT138) Rabbit mAb

