

CA IX Rabbit pAb

CatalogNo: YT0575

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 58kD (Observed)

Isotype

- IgG

Storage

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

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:10000

Not yet tested in other applications.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human CA IX. AA range:33-82

Specificity CA IX Polyclonal Antibody detects endogenous levels of CA IX protein.

Target Information

Gene name	CA9		
Protein Name	Carbonic anhydrase 9		
	Organism	Gene ID	UniProt ID
	Human	768;	Q16790;
	Mouse	230099;	Q8VHB5;
Cellular Localization	Nucleus . Nucleus , nucleolus . Cell membrane ; Single-pass type I membrane protein . Cell projection , microvillus membrane ; Single-pass type I membrane protein . Found on the surface microvilli and in the nucleus , particularly in nucleolus.		
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:H (2) CO (3) = CO (2) + H (2) O. ,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

Contact information

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Please scan the QR code to access additional product information:
CA IX Rabbit pAb

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