

Product Datasheet

CA9 Antibody

Catalog No: CY5592

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: Q16790

All Names: MN; P54/58N; CAIX; CA9; Carbonic anhydrase IX; CAH9;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 50 kDa

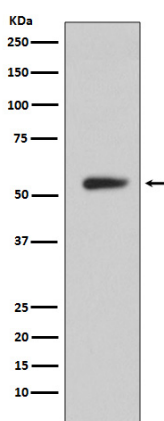
Application

WB: 1:500~1:2000

IHC: 1:50~1:200

Background

CA IX is a transmembrane protein and the only tumor-associated carbonic anhydrase isoenzyme known. It is expressed in all clear-cell renal cell carcinoma, but is not detected in normal kidney or most other normal tissues. It may be involved in cell proliferation and transformation. 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. 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.



Western blot analysis of CA9 expression in Human stomach lysate.

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