

Carbonic Anhydrase IX antibody

Cat. No. GTX128428

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Human, Mouse

References (6)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW 50 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.12 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Extracellular domain of human Carbonic Anhydrase IX. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



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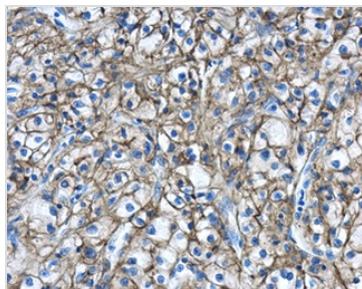
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

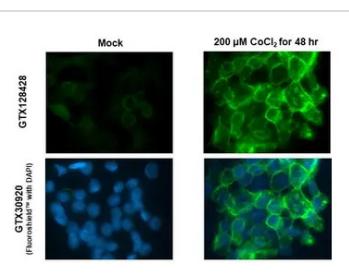
**GTX128428 IHC-P Image**

Carbonic Anhydrase IX antibody detects Carbonic Anhydrase IX protein at cell membrane in human renal cell carcinoma by immunohistochemical analysis.

Sample: Paraffin-embedded human renal cell carcinoma.

Carbonic Anhydrase IX antibody (GTX128428) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

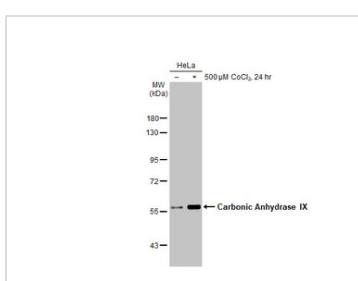
**GTX128428 ICC/IF Image**

Carbonic Anhydrase IX antibody detects Carbonic Anhydrase IX protein at cell membrane by immunofluorescent analysis.

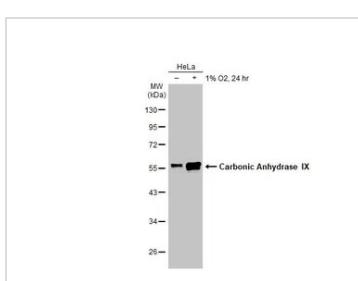
Sample: Mock and treated A431 cells were fixed in ice-cold MeOH for 5 min.

Green: Carbonic Anhydrase IX stained by Carbonic Anhydrase IX antibody (GTX128428) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

**GTX128428 WB Image**

Untreated (-) and treated (+) HeLa whole cell extracts (30 μg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Carbonic Anhydrase IX antibody (GTX128428) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX128428 WB Image**

Untreated (-) and treated (+) HeLa whole cell extracts (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with Carbonic Anhydrase IX antibody (GTX128428) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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