

## Carbonic Anhydrase IX antibody [GT14212]

**Cat. No. GTX629747**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, ICC/IF
<b>Reactivity</b>	Human

**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

Not tested in other applications.

<b>Calculated MW</b>	50 kDa. ( <a href="#">Note</a> )
<b>Product Note</b>	This antibody was raised against human Carbonic Anhydrase IX Extracellular domain.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the Extracellular domain of human Carbonic Anhydrase IX. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein G.
<b>Conjugation</b>	Unconjugated

**Note**

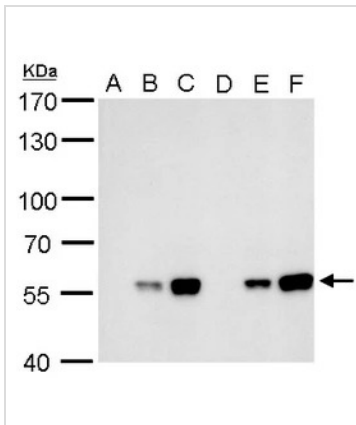
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DATA IMAGES



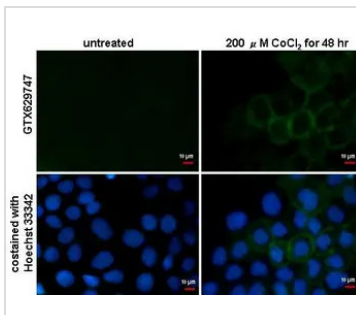
**GTX629747 WB Image**

Carbonic Anhydrase IX antibody [GT14212] detects Carbonic Anhydrase IX protein by Western blot analysis.

- A. 30 µg HeLa whole cell lysate/extract (untreated)
- B. 30 µg HeLa whole cell lysate/extract (200 µM CoCl<sub>2</sub> treatment for 24 hr)
- C. 30 µg HeLa whole cell lysate/extract (200 µM CoCl<sub>2</sub> treatment for 48 hr)
- D. 30 µg HeLa whole cell lysate/extract (untreated)
- E. 30 µg HeLa whole cell lysate/extract (1% O<sub>2</sub> treatment for 24 hr)
- F. 30 µg HeLa whole cell lysate/extract (1% O<sub>2</sub> treatment for 48 hr)

7.5 % SDS-PAGE

Carbonic Anhydrase IX antibody [GT14212] (GTX629747) dilution: 1:1000



**GTX629747 ICC/IF Image**

Carbonic Anhydrase IX antibody [GT14212] detects Carbonic Anhydrase IX protein at membrane by immunofluorescent analysis.

Sample: 200µM CoCl<sub>2</sub> for 48 hr A431 cells were fixed in ice-cold MeOH for 5 min.

Green: Carbonic Anhydrase IX protein stained by Carbonic Anhydrase IX antibody [GT14212] (GTX629747) diluted at 1:1000.

Blue: Hoechst 33342 staining.



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