

Carbonic Anhydrase IX antibody [GT14212]

Cat. No. GTX629747

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF
Reactivity	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.

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

Product Note This antibody was raised against human Carbonic Anhydrase IX Extracellular domain.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservative
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	1 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	Affinity purified by Protein G.
Conjugation	Unconjugated

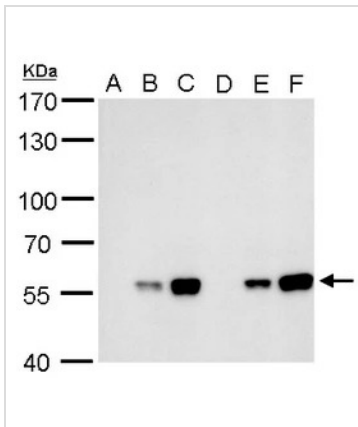
Note

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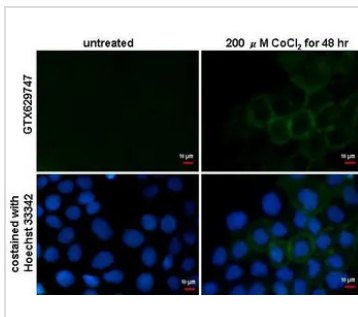
DATA IMAGES

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 CoCl₂ treatment for 24 hr)
- C. 30 µg HeLa whole cell lysate/extract (200 µM CoCl₂ treatment for 48 hr)
- D. 30 µg HeLa whole cell lysate/extract (untreated)
- E. 30 µg HeLa whole cell lysate/extract (1% O₂ treatment for 24 hr)
- F. 30 µg HeLa whole cell lysate/extract (1% O₂ 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 CoCl₂ 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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