

## Carbonic Anhydrase IX antibody [HL1410]

## Cat. No. GTX636876

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

## Package

100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

**Observed MW (kDa)** 50-58 kDa.

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

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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 A.
Conjugation	Unconjugated



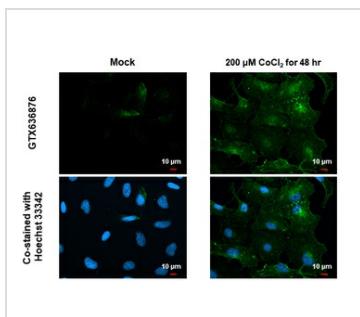
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**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****GTx636876 ICC/IF Image**

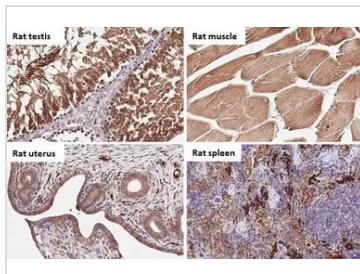
Carbonic Anhydrase IX antibody [HL1410] detects Carbonic Anhydrase IX protein at cell membrane by immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 5 min.

Green: Carbonic Anhydrase IX stained by Carbonic Anhydrase IX antibody [HL1410] (GTx636876) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar= 10μm.

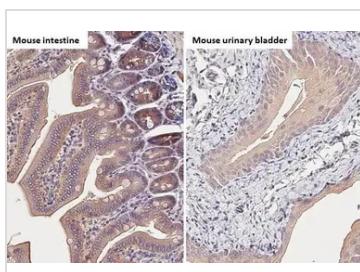
**GTx636876 IHC-P Image**

Carbonic Anhydrase IX antibody [HL1410] detects Carbonic Anhydrase IX protein by immunohistochemical analysis.

Sample: Paraffin-embedded rat tissues.

Carbonic Anhydrase IX stained by Carbonic Anhydrase IX antibody [HL1410] (GTx636876) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

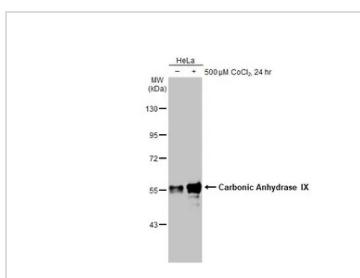
**GTx636876 IHC-P Image**

Carbonic Anhydrase IX antibody [HL1410] detects Carbonic Anhydrase IX protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse tissues.

Carbonic Anhydrase IX stained by Carbonic Anhydrase IX antibody [HL1410] (GTx636876) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTx636876 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 [HL1410] (GTx636876) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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