

## Carbonic anhydrase 9 antibody

Catalog No: #22975

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

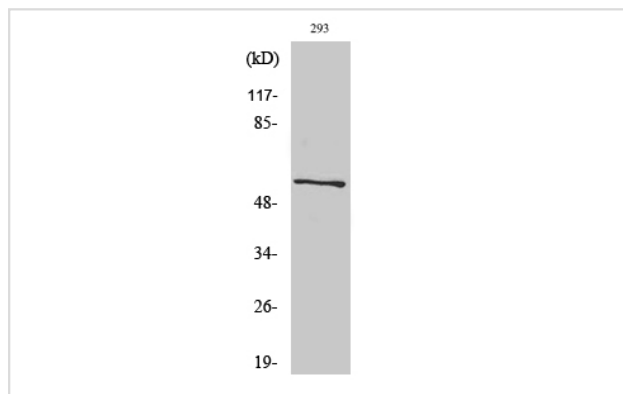
Product Name	Carbonic anhydrase 9 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB
Immunogen Description	Synthesized peptide derived from the Internal region of human Carbonic anhydrase 9.
Target Name	Carbonic anhydrase 9
Other Names	CAIX; MN
Accession No.	NCBI Gene ID: 768NCBI mRNA#: NM_001216NCBI Protein#: NP_001207
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Application Details

Predicted MW: 50kd

Western blotting: 1:500-1:2000

## Images



Western Blot analysis of 293 cells using CA IX Polyclonal Antibody

## Background

Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. 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. This gene was mapped to 17q21.2 by fluorescence in situ hybridization, however, radiation hybrid mapping localized it to 9p13-p12. [provided by RefSeq]

---

Note: This product is for in vitro research use only and is not intended for use in humans or animals.