# antibodies -online.com





# anti-CA2 antibody (AA 1-260)





# Overview

Quantity:	100 μL
Target:	CA2
Binding Specificity:	AA 1-260
Reactivity:	Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## **Product Details**

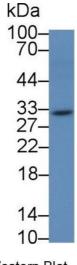
Purpose:	Polyclonal Antibody to Carbonic Anhydrase II (CA2)
Immunogen:	Recombinant Carbonic Anhydrase II (CA2) corresdonding to Met1~Gln260 (Accession # P07630)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CA2. It has been selected for its ability to recognize CA2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

# **Target Details**

Expiry Date:

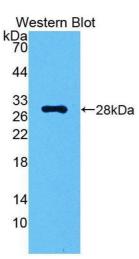
24 months

Target Details	
Target:	CA2
Alternative Name:	Carbonic Anhydrase II (CA2 Products)
Background:	CA-II, CAII, Car2, CAC, Carbonate dehydratase II, Carbonic anhydrase C
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL
	Immunohistochemistry: 5-20 μg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.



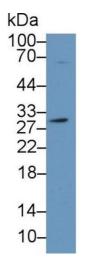
## **Western Blotting**

**Image 1.** Detection of CA2 in Gallus Serum using Polyclonal Antibody to Carbonic Anhydrase II (CA2)



#### **Western Blotting**

Image 2. Detection of Recombinant CA2, Gallus using Polyclonal Antibody to Carbonic Anhydrase II (CA2)



## **Western Blotting**

**Image 3.** Detection of CA2 in Human 293T cell lysate using Polyclonal Antibody to Carbonic Anhydrase II (CA2)

Please check the product details page for more images. Overall 5 images are available for ABIN7432589.