

Datasheet for ABIN7437332
anti-CA7 antibody (AA 58-217)[Go to Product page](#)

6 Images

Overview

Quantity:	100 µL
Target:	CA7
Binding Specificity:	AA 58-217
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Carbonic Anhydrase VII (CA7)
Immunogen:	Recombinant Carbonic Anhydrase VII (CA7) corresponding to Ser58~Pro217 (Accession # Q9ERQ8)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CA7. It has been selected for its ability to recognize CA7 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

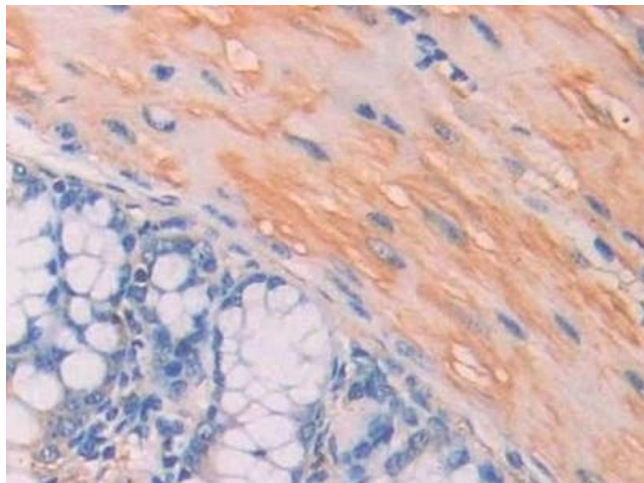
Target:	CA7
Alternative Name:	Carbonic Anhydrase VII (CA7 Products)
Background:	CA-VII, CAVII, Carbonate dehydratase VII

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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

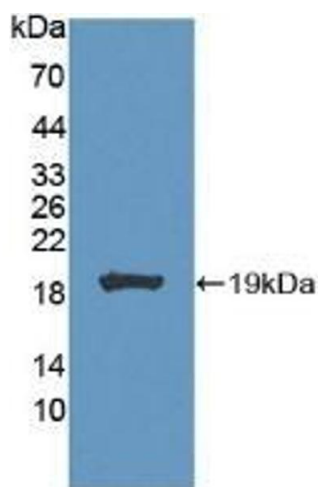
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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.
Expiry Date:	24 months



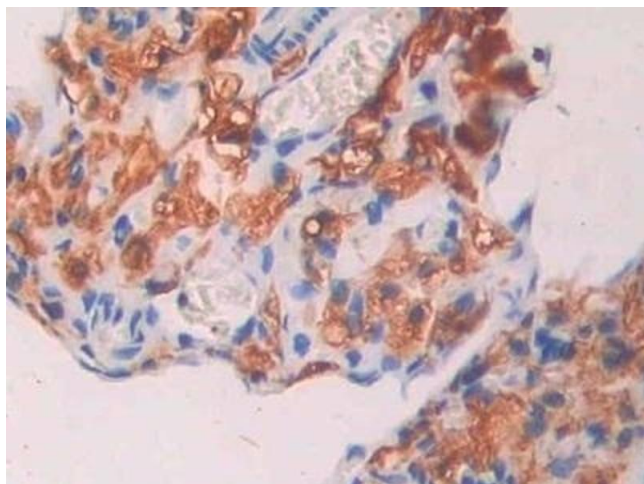
Immunohistochemistry

Image 1. Detection of CA7 in Mouse Colon Tissue using Polyclonal Antibody to Carbonic Anhydrase VII (CA7)



Western Blotting

Image 2. Detection of Recombinant CA7, Mouse using Polyclonal Antibody to Carbonic Anhydrase VII (CA7)



Immunohistochemistry

Image 3. Detection of CA7 in Mouse Ovary Tissue using Polyclonal Antibody to Carbonic Anhydrase VII (CA7)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7437332.