

## Datasheet for ABIN7635820

### **anti-CA12 antibody**



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#### Overview

Quantity:	100 µL
Target:	CA12
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### Product Details

Purpose:	Polyclonal Antibody to Carbonic Anhydrase XII (CA12)
Immunogen:	RPD079Hu01 Recombinant Carbonic Anhydrase XII (CA12)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CA12. It has been selected for its ability to recognize CA12 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

#### Target Details

Target:	CA12
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## Target Details

Alternative Name:	CA12 ( <a href="#">CA12 Products</a> )
Background:	CA-XII, CAXII, Carbonate dehydratase XII, Tumor antigen HOM-RCC-3.1.3
UniProt:	<a href="#">O43570</a>

## Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100 Immunocytochemistry: 5-20 µg/mL, 1:25-100 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
Concentration:	0.36 mg/mL
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.