



Datasheet for ABIN733298  
**anti-CA2 antibody (AA 201-260)**



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1 Image

Overview

Quantity:	100 µL
Target:	CA2
Binding Specificity:	AA 201-260
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse CA II
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.

Target Details

Target:	CA2
Alternative Name:	Carbonic anhydrase 2 ( <a href="#">CA2 Products</a> )
Background:	Synonyms: CAC, CAII, Car2, CA-II, HEL-76, Carbonic anhydrase 2, Carbonate dehydratase II,

## Target Details

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Carbonic anhydrase C, Carbonic anhydrase II, CA2

Background: Essential for bone resorption and osteoclast differentiation (By similarity).

Reversible hydration of carbon dioxide. Can hydrate cyanamide to urea. Involved in the regulation of fluid secretion into the anterior chamber of the eye. Contributes to intracellular pH regulation in the duodenal upper villous epithelium during proton-coupled peptide absorption.

Stimulates the chloride-bicarbonate exchange activity of SLC26A6.

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Gene ID: 760

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UniProt: [P00918](#)

## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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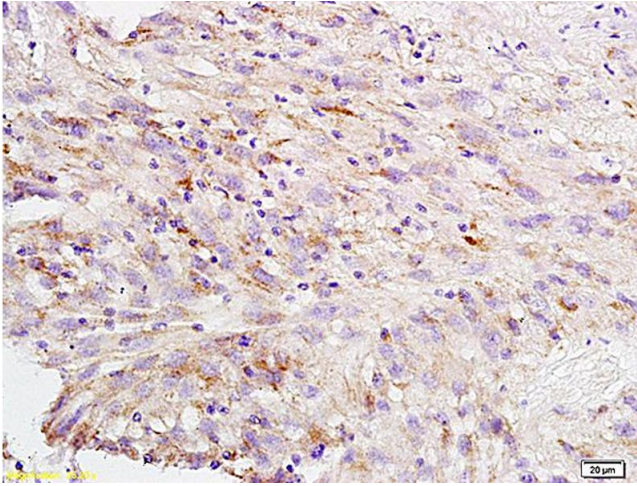
Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded human brain glioblastoma labeled with Anti-CA II Polyclonal Antibody, Unconjugated (ABIN733298) at 1:200 followed by conjugation to the secondary antibody and DAB staining