

Datasheet for ABIN7266070

anti-CA2 antibody

4 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CA2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Carbonic Anhydrase 2 (CA2) Rabbit mAb
Immunogen:	A synthesized peptide derived from human Carbonic Anhydrase 2 (CA2)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CA2
Alternative Name:	CA2 (CA2 Products)
Background:	The protein encoded by this gene is one of several isozymes of carbonic anhydrase, which

Target Details

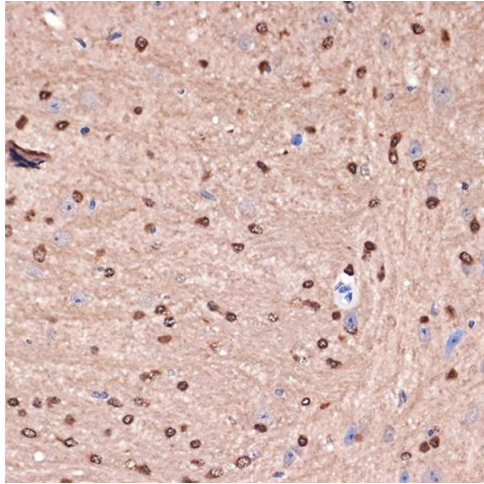
	catalyzes reversible hydration of carbon dioxide. Defects in this enzyme are associated with osteopetrosis and renal tubular acidosis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2014],CA-II, CAC, CAII, Car2, HEL-76, HEL-S-282,Blood,Cardiovascular,Cell Biology & Developmental Biology,CA2
Molecular Weight:	29kDa
Gene ID:	760
UniProt:	P00918

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

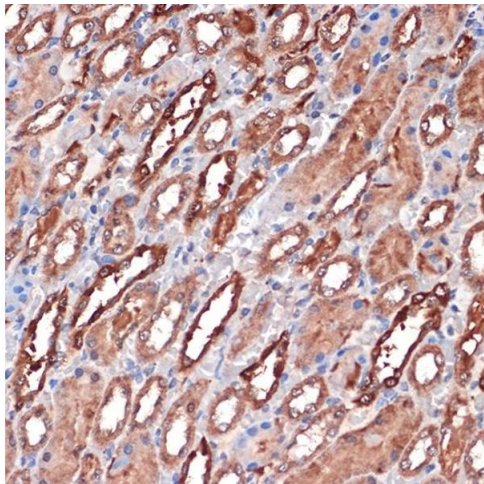
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



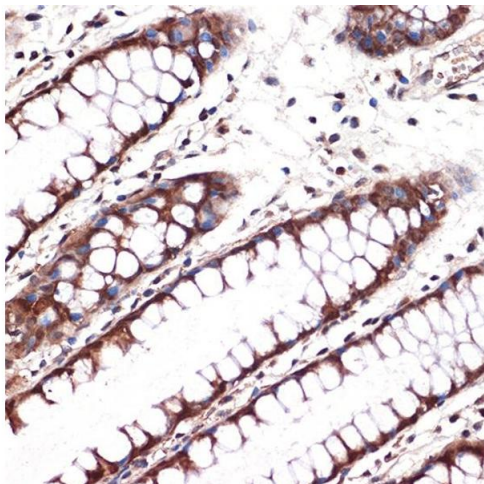
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse brain using Carbonic Anhydrase 2 (C) Rabbit mAb (ABIN7266070) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded rat kidney using Carbonic Anhydrase 2 (C) Rabbit mAb (ABIN7266070) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human colon using Carbonic Anhydrase 2 (C) Rabbit mAb (ABIN7266070) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7266070.