

Datasheet for ABIN7295056
anti-CA2 antibody (C-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	CA2
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Carbonic Anhydrase 2.
Specificity:	Recognizes endogenous levels of Carbonic Anhydrase 2 protein.
Characteristics:	Rabbit polyclonal antibody to Carbonic Anhydrase 2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	CA2
Alternative Name:	Carbonic Anhydrase 2 (CA2 Products)
Background:	Carbonic anhydrase 2, Carbonate dehydratase II, Carbonic anhydrase C, CAC, Carbonic

Target Details

	anhydrase II, CA-II
Gene ID:	760, 54231
UniProt:	P00918 , P27139

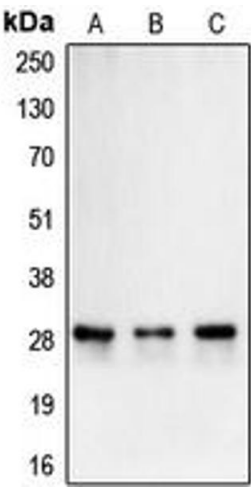
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

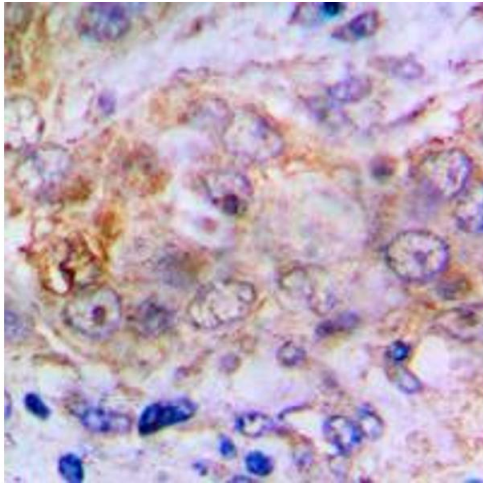
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Western blot analysis of Carbonic Anhydrase 2 expression in Caco2 (A), K562 (B), Caki1 (C) whole cell lysates.



Immunohistochemistry

Image 2. Immunohistochemical analysis of Carbonic Anhydrase 2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.