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Datasheet for ABIN7295060
anti-CA6 antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	CA6
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Carbonic Anhydrase 6.
Specificity:	Recognizes endogenous levels of Carbonic Anhydrase 6 protein.
Characteristics:	Rabbit polyclonal antibody to Carbonic Anhydrase 6
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	CA6
Alternative Name:	Carbonic Anhydrase 6 (CA6 Products)
Background:	Carbonic anhydrase 6, Carbonate dehydratase VI, Carbonic anhydrase VI, CA-VI, Salivary

Target Details

carbonic anhydrase, Secreted carbonic anhydrase

Gene ID: 765, 12353

UniProt: [P23280](#), [P18761](#)

Application Details

Application Notes: WB (1:500 - 1:1000), IF/IC (1:100 - 1:500)

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

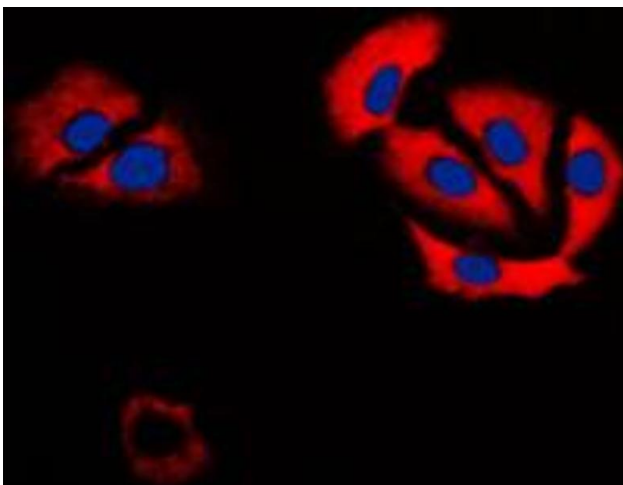
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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

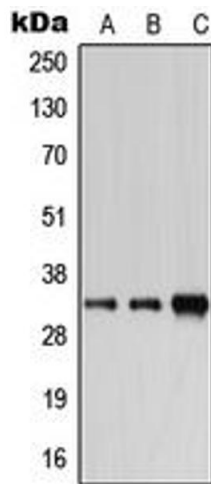
Images



Immunofluorescence

Image 1. Immunofluorescent analysis of Carbonic Anhydrase 6 staining in H9C2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI

was used to stain the cell nuclei (blue).



Western Blotting

Image 2. Western blot analysis of Carbonic Anhydrase 6 expression in HEK293T (A), SP2/0 (B), H9C2 (C) whole cell lysates.