

Datasheet for ABIN7606974

Recombinant anti-CA2 antibody[Go to Product page](#)**2** Images

Overview

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

Product Details

Purpose:	Carbonic anhydrase 2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human Carbonic anhydrase 2
Isotype:	IgG
Specificity:	Carbonic anhydrase 2 Antibody detects endogenous levels of total Carbonic anhydrase 2
Purification:	Affinity-chromatography
Grade:	KD Validated

Target Details

Target:	CA2
Alternative Name:	Carbonic anhydrase 2 (CA2 Products)

Target Details

Background:	Carbonic anhydrase 2, Carbonate dehydratase II, Carbonic anhydrase C, CAC, Carbonic anhydrase II, CA-II, CA2,
Molecular Weight:	29kDa
UniProt:	P00918

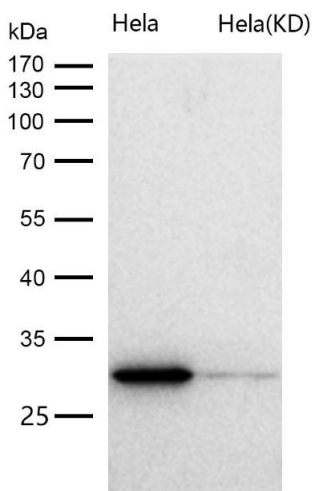
Application Details

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

Handling

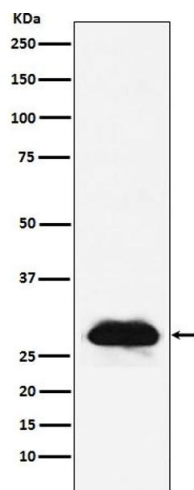
Buffer:	phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Images



Western Blotting

Image 1. All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature. Essential for bone resorption and osteoclast differentiation (By similarity). Reversible hydration of carbon dioxide. Can hydrates cyanamide to urea. Involved in the regulation of fluid secretion into the anterior chamber of the eye.



Western Blotting

Image 2. Western blot analysis of Carbonic anhydrase 2 expression in A431 cell lysate.