

Datasheet for ABIN929437  
**anti-CA5A antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	CA5A
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA5A antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	CA5 A antibody was raised in rabbit using the C terminal of CA5 as the immunogen
Purification:	Purified

## Target Details

Target:	CA5A
Alternative Name:	CA5A ( <a href="#">CA5A Products</a> )
Background:	Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. CA VA is localized in the mitochondria

## Target Details

and expressed primarily in the liver. It may play an important role in ureagenesis and gluconeogenesis. CA5A gene maps to chromosome 16q24.3 and an unprocessed pseudogene has been assigned to 16p12-p11.2. Synonyms: Polyclonal CA5A antibody, Anti-CA5A antibody, carbonic anhydrase VA, mitochondrial antibody, CA5 antibody, CAV antibody, CAVA antibody.

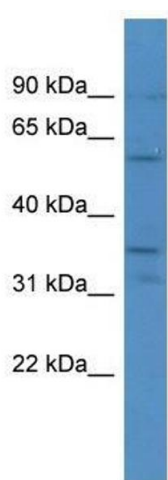
## Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	CA5A Blocking Peptide, catalog no. 33R-7366, is also available for use as a blocking control in assays to test for specificity of this CA5A antibody
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

## Images



### Western Blotting

**Image 1.** CA5A antibody used at 0.2-1 ug/ml to detect target protein.