

Datasheet for ABIN7073309

**anti-CA5A antibody****1** Image[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	CA5A
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA5A antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant protein corresponding to Mouse Carbonic Anhydrase 5A/CA5A
Cross-Reactivity:	Rat
Purification:	Affinity purification

## Target Details

Target:	CA5A
Alternative Name:	Carbonic Anhydrase 5A/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.

Gene ID: 12352

UniProt: [P23589](#)

## Application Details

Application Notes: IHC/IF (R) 1:1500-1:3000

Restrictions: For Research Use only

## Handling

Format: Liquid

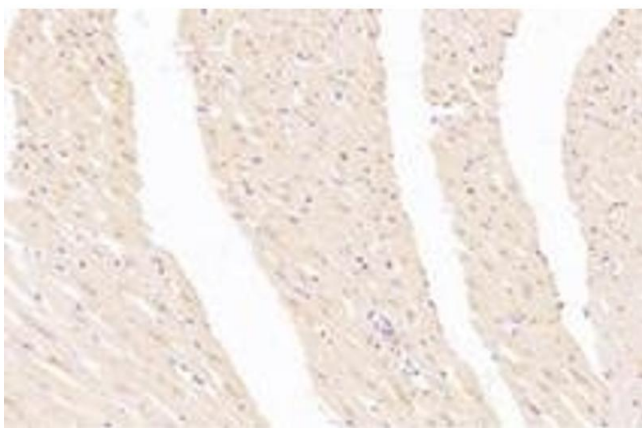
Buffer: PBS, pH 7.4, 0.02 % sodium azide

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

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis of paraffin-embedded rat heart using CA5A (ABIN7073309) at dilution of 1: 3000