

Datasheet for ABIN7635848  
**anti-CA4 antibody**



[Go to Product page](#)

## Overview

|              |                                    |
|--------------|------------------------------------|
| Quantity:    | 100 µL                             |
| Target:      | CA4                                |
| Reactivity:  | Rat                                |
| Host:        | Mouse                              |
| Clonality:   | Monoclonal                         |
| Conjugate:   | This CA4 antibody is un-conjugated |
| Application: | Western Blotting (WB)              |

## Product Details

|               |                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Monoclonal Antibody to Carbonic Anhydrase IV (CA4)                                                                                                                          |
| Immunogen:    | RPD071Ra01Recombinant Carbonic Anhydrase IV (CA4)                                                                                                                           |
| Clone:        | C1                                                                                                                                                                          |
| Specificity:  | The antibody is a mouse monoclonal antibody raised against CA4. It has been selected for its ability to recognize CA4 in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography                                                                                                                               |

## Target Details

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| Target:           | CA4                                                                             |
| Alternative Name: | Carbonic Anhydrase IV ( <a href="#">CA4 Products</a> )                          |
| Background:       | CA-IV, CAIV, Car4, RP17, Retinitis Pigmentosa 17(Autosomal Dominant), Carbonate |

## Target Details

dehydratase IV

UniProt: [P48284](#)

## Application Details

Application Notes: Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

Preservative: ProClin, Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.