

Datasheet for ABIN7635844 **anti-CA4 antibody**

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Overview

Quantity:	100 µL
Target:	CA4
Reactivity:	Human
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:	RPD071Hu01Recombinant Carbonic Anhydrase IV (CA4)
Clone:	C10
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 (CA4 Products)
Background:	CA-IV, CAIV, Car4, RP17, Retinitis Pigmentosa 17(Autosomal Dominant), Carbonate

Target Details

dehydratase IV

UniProt: [P22748](#)

Application Details

Application Notes:	Western blotting: 0.01-2 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:	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 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.