

Datasheet for ABIN7435334
anti-CA4 antibody (AA 19-283)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	CA4
Binding Specificity:	AA 19-283
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Carbonic Anhydrase IV (CA4)
Immunogen:	Recombinant Carbonic Anhydrase IV (CA4) corresponding to Ala19~Lys283 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CA4. It has been selected for its ability to recognize CA4 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CA4
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Target Details

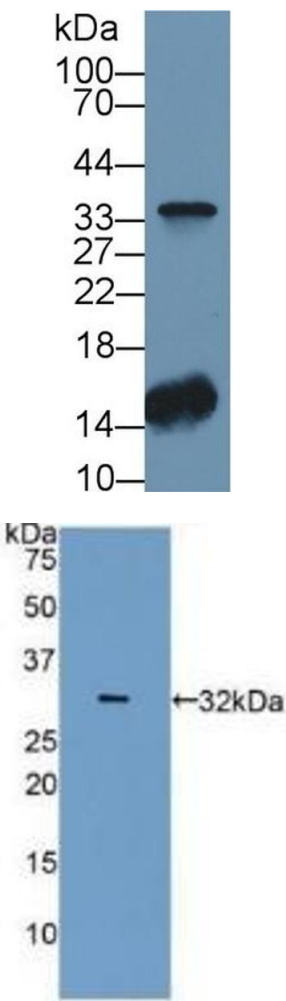
Alternative Name:	Carbonic Anhydrase IV (CA4 Products)
Background:	CA-IV, CAIV, Car4, RP17, Retinitis Pigmentosa 17(Autosomal Dominant), Carbonate dehydratase IV

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 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
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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.
Expiry Date:	24 months

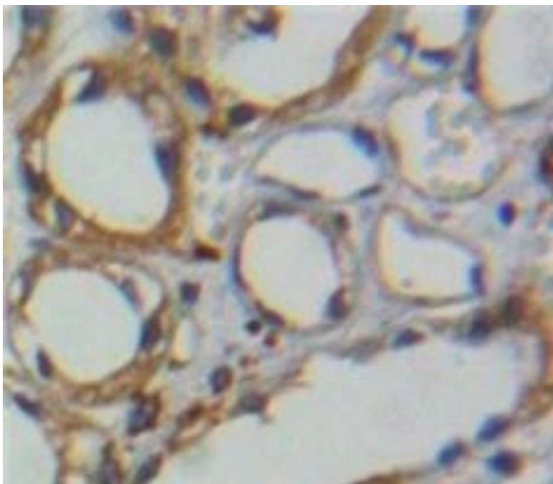


Western Blotting

Image 1. Detection of CA4 in Human Lung lysate using Polyclonal Antibody to Carbonic Anhydrase IV (CA4)

Western Blotting

Image 2. Detection of Recombinant CA4, Human using Polyclonal Antibody to Carbonic Anhydrase IV (CA4)



Immunohistochemistry

Image 3. #VALUE!