

Datasheet for ABIN7437326
anti-CA5B antibody (AA 63-225)

8 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CA5B
Binding Specificity:	AA 63-225
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA5B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Carbonic Anhydrase VB, Mitochondrial (CA5B)
Immunogen:	Recombinant Carbonic Anhydrase VB, Mitochondrial (CA5B) corresponding to Arg63~Pro225 (Accession # Q9QZA0)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CA5B. It has been selected for its ability to recognize CA5B in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

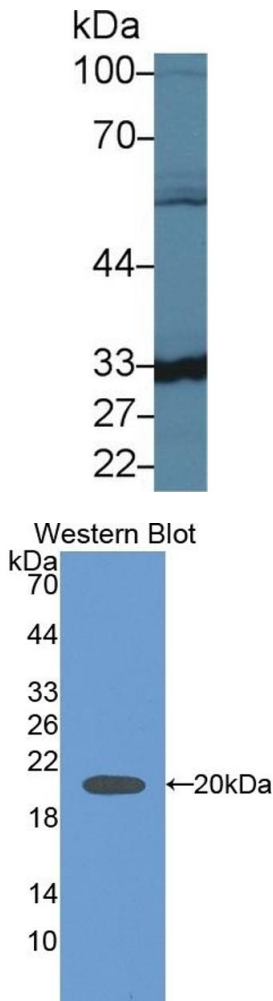
Target:	CA5B
Alternative Name:	Carbonic Anhydrase VB, Mitochondrial (CA5B Products)
Background:	CA-VB, CAVB, Carbonate dehydratase VB

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
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.
Expiry Date:	24 months

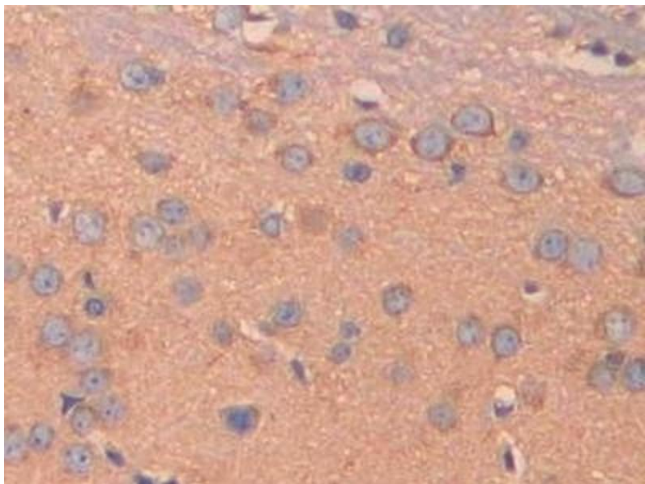


Western Blotting

Image 1. Detection of CA5B in Mouse Liver lysate using Polyclonal Antibody to Carbonic Anhydrase VB, Mitochondrial (CA5B)

Western Blotting

Image 2. Detection of Recombinant CA5B, Mouse using Polyclonal Antibody to Carbonic Anhydrase VB, Mitochondrial (CA5B)



Immunohistochemistry

Image 3. Detection of CA5B in Mouse Cerebrum Tissue using Polyclonal Antibody to Carbonic Anhydrase VB, Mitochondrial (CA5B)

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN7437326.