

Datasheet for ABIN7437902
anti-CA12 antibody (AA 154-307)

7 Images

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Overview

Quantity:	100 µL
Target:	CA12
Binding Specificity:	AA 154-307
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Carbonic Anhydrase XII (CA12)
Immunogen:	Recombinant Carbonic Anhydrase XII (CA12) corresponding to Leu154~Ser307 (Accession # A2IBE2)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CA12. It has been selected for its ability to recognize CA12 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

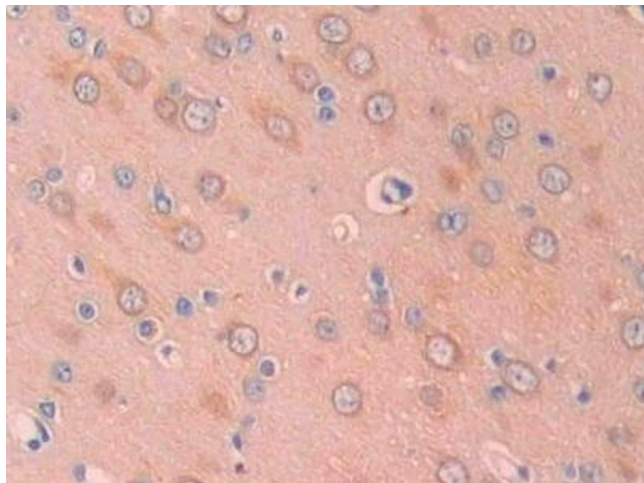
Target:	CA12
Alternative Name:	Carbonic Anhydrase XII (CA12 Products)
Background:	CA-XII, CAXII, Carbonate dehydratase XII, Tumor antigen HOM-RCC-3.1.3

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

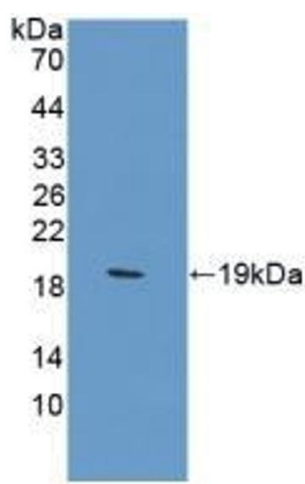
Handling

Format:	Liquid
Buffer:	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



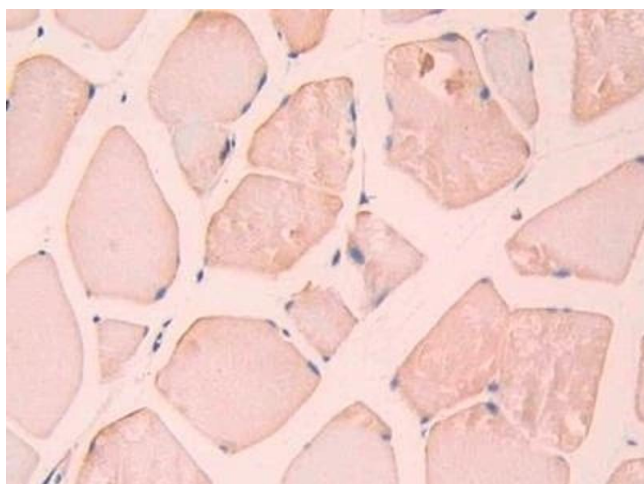
Immunohistochemistry

Image 1. Detection of CA12 in Rat Cerebrum Tissue using Polyclonal Antibody to Carbonic Anhydrase XII (CA12)



Western Blotting

Image 2. Detection of Recombinant CA12, Rat using Polyclonal Antibody to Carbonic Anhydrase XII (CA12)



Immunohistochemistry

Image 3. Detection of CA12 in Rat Skeletal muscle Tissue using Polyclonal Antibody to Carbonic Anhydrase XII (CA12)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7437902.