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## Datasheet for ABIN1387274 **anti-CA11 antibody (AA 101-200)**

### Overview

Quantity:	100 µL
Target:	CA11
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA11 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CA XI/Carbonic Anhydrase XI
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig
Purification:	Purified by Protein A.

### Target Details

Target:	CA11
Alternative Name:	Ca XI ( <a href="#">CA11 Products</a> )

## Target Details

Background:	<p>Synonyms: CA-RP II, CA-RP XI, CA-XI, CA11, CAH11_HUMAN, Carbonic anhydrase-related protein 11, Carbonic anhydrase-related protein 2, CARP XI, CARP-2, CARP2.</p> <p>Background: Carbonic anhydrases (CAs) are members of a large family of zinc metalloenzymes responsible for catalyzing the reversible hydration of carbon dioxide. CAs show extensive diversity in their distribution and subcellular localization. They are involved in a variety of biological processes, including calcification, bone resorption, respiration, acid-base balance and the formation of aqueous humor, saliva, gastric juice and cerebrospinal fluid. CA XI, also referred to as carbonic anhydrase-related protein 11 precursor (CA-RP XI) or carbonic anhydrase-related protein 2 (CA-RP II), is a member of the carbonic anhydrase family that lacks two of the three Zn-binding motifs essential for carbonic anhydrase activity. For this reason, CA XI does not exhibit catalytic activity. It is expressed primarily in brain but is also found in spinal cord and thyroid. CA XI may play a role in brain development. Tissue specificity: Expressed abundantly in the brain with moderate expression also present in spinal cord and thyroid.</p>
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Gene ID:	770
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## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

## Handling

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Storage:	4 °C,-20 °C
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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Expiry Date:	12 months
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