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Datasheet for ABIN886034

**anti-CA7 antibody (AA 86-150) (Biotin)**

## Overview

Quantity:	100 µL
Target:	CA7
Binding Specificity:	AA 86-150
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA7 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CA7
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	CA7
Alternative Name:	CA7 ( <a href="#">CA7 Products</a> )

## Target Details

Background:	<p>Synonyms: CA 7, CA VII, CA-VII, Ca7, CAH7_HUMAN, Car7, Carbonate dehydratase VII, Carbonic anhydrase 7, Carbonic anhydrase VII, Carbonic dehydratase, CAVII.</p> <p>Background: Carbonic anhydrases are a large family of zincmetalloenzymes that catalyze the reversible hydration of carbondioxide. They participate in a variety of biological processes,including respiration, calcification, acid-base balance, boneresorption, and the formation of aqueous humor, cerebrospinalfluid, saliva, and gastric acid. They show extensive diversity intissue distribution and in their subcellular localization. Thecytosolic protein encoded by this gene is predominantly expressedin the salivary glands. Alternative splicing in the coding regionresults in multiple transcript variants encoding differentisoforms. [provided by RefSeq, Jul 2008].</p>
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Gene ID:	766
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## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months