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Datasheet for ABIN886025

anti-CA7 antibody (AA 86-150) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	CA7
Binding Specificity:	AA 86-150
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA7 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (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 (CA7 Products)

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:	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:	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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months