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Datasheet for ABIN4998857

anti-CA10 antibody (AA 141-240) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	CA10
Binding Specificity:	AA 141-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA10 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CARPX/CA10
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	CA10
Alternative Name:	CA10 (CA10 Products)

Target Details

Background:	Synonyms: CA 10, CA10, Carbonic anhydrase related protein, CARPX, Cerebral protein 15, HUCEP15, HUCEP-15, HUCEP 15, CAH10_HUMAN. Background: Carbonic anhydrase X belongs to the carbonic anhydrase family of zinc metalloenzymes, which catalyze the reversible hydration of carbon dioxide in various biological processes. This protein is an acatalytic member of the alpha-carbonic anhydrase subgroup, and it is thought to play a role in the central nervous system, especially in brain development.
Gene ID:	56934

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months