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Datasheet for ABIN1393579

anti-CA10 antibody (AA 142-225) (Biotin)

Overview

Quantity:	100 µL
Target:	CA10
Binding Specificity:	AA 142-225
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA10 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Carbonic anhydrase X
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Pig, Horse, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	CA10
Alternative Name:	CA10 (CA10 Products)
Background:	Synonyms: CA 10, CA-RP X, CA10, CAH10_HUMAN, Carbonic anhydrase related protein,

Target Details

Carbonic anhydrase-related protein 10, Carbonic anhydrase-related protein X, CARP X, CARPX, Cerebral protein 15, HUCEP 15.

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 X also referred to as Carbonic anhydrase-related protein X (CA-RP X) or Cerebral protein 15, 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 X does not exhibit catalytic activity. It is expressed primarily in brain and kidney and may play a role in brain development.

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