

Datasheet for ABIN2786626
anti-CA10 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	CA10
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Cow, Rabbit, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of human CA10
Sequence:	NISGGPMTYS HRLEEIRLHF GSEDSQGSEH LLNGQAFSGE VQLIHYNHEL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against CA10. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CA10
Alternative Name:	CA10 (CA10 Products)

Target Details

Background: This gene encodes a protein that belongs to the carbonic anhydrase family of zinc metalloenzymes, which catalyze the reversible hydration of carbon dioxide in various biological processes. The protein encoded by this gene 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. Multiple transcript variants encoding the same protein have been found for this gene.

Alias Symbols: CARPX, CA-RPX, HUCEP-15

Protein Size: 253

Molecular Weight: 27 kDa

Gene ID: 56934

NCBI Accession: [NM_001082533](#), [NP_001076002](#)

UniProt: [B4DGL6](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

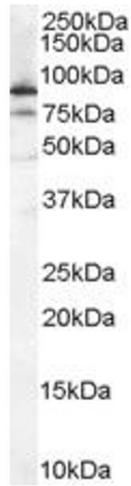
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1.