Datasheet for ABIN629695

anti-CA8 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µg
Target:	CA8
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Carbonic Anhydrase VIII antibody was raised using the N terminal of CA8 corresponding to a region with amino acids YEEGVEWGLVFPDANGEYQSPINLNSREARYDPSLLDVRLSPNYVVCRDC
Specificity:	Carbonic Anhydrase VIII antibody was raised against the N terminal of CA8
Purification:	Purified

Target Details

Target:	CA8
Alternative Name:	Carbonic Anhydrase VIII (CA8 Products)
Background:	CA8 was initially named CA-related protein because of sequence similarity to other known carbonic anhydrase genes. However, CA8 lacks carbonic anhydrase activity (i.e., the reversible hydration of carbon dioxide). CA8 continues to carry a carbonic anhydrase designation based

Target Details

	on clear sequence identity to other members of the carbonic anhydrase gene family.
Molecular Weight:	32 kDa (MW of target protein)

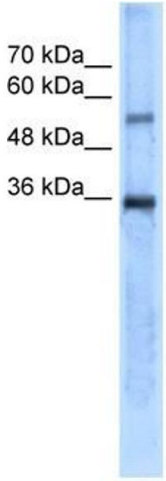
Application Details

Application Notes:	WB: 5 µg/mL Optimal conditions should be determined by the investigator.
Comment:	Carbonic Anhydrase VIII Blocking Peptide, catalog no. 33R-10083, is also available for use as a blocking control in assays to test for specificity of this Carbonic Anhydrase VIII antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CA8 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. Carbonic Anhydrase VIII antibody used at 5 ug/ml to detect target protein.