DATASHEET

# Carbonic Anhydrase 7 Rabbit Polyclonal Antibody

CAT. NO. APA15196

## KEY FEATURES

| | | | |
|---|---|---|---|
| **Target** | Carbonic Anhydrase 7 | **Source / Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat | **Clonality** | Polyclonal |
| **Applications** | WB | **Conjugation** | Unconjugated |
| **Form / Buffer** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | **Storage** | at-20°C |

## BACKGROUND

Reversible hydration of carbon dioxide.

## APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|---|---|
| **WB** | 1:500 - 1:2000 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

## PRODUCT OVERVIEW

| | |
|---|---|
| **Description** | Rabbit polyclonal antibody to Carbonic Anhydrase 7 |
| **Specificity** | Recognizes endogenous levels of Carbonic Anhydrase 7 protein |
| **Antibody Type** | Primary antibody |
| **Immunogen** | Recombinant fusion protein of human Carbonic Anhydrase 7. The exact sequence is proprietary. |
| **Purification** | The antibody was purified by immunogen affinity chromatography. |
| **Molecular Weight** | Predicted: 23; Observed: 30 kD |
| **Form/Buffer** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Alternative Names** | Carbonic anhydrase 7; Carbonate dehydratase VII; Carbonic anhydrase VII; CA-VII |
| **Gene Symbol** | CA7 |
| **Entrez Gene** | 766(Human); 12354(Mouse) |
| **SwissProt** | P43166(Human); Q9ERQ8(Mouse) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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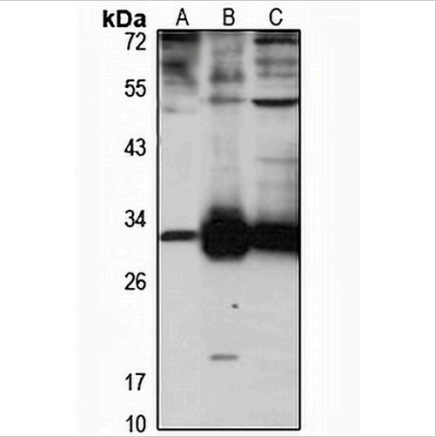
## DATA




Western blot analysis of Carbonic Anhydrase 7 expression in HEK293T (A), mouse kidney (B), rat brain (C) whole cell lysates. (Predicted band size: 23; 29 kD; Observed band size: 30 kD)

## STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

## NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.