

## Rabbit anti-Human, Mouse CA7 Polyclonal Antibody | anti-CA7 antibody

CA7 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA176331 | Rabbit | Human, Mouse | ELISA, Immunohistochemistry, Western Blot |

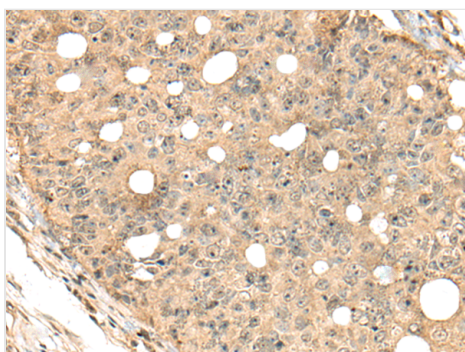
### PRODUCT SYNONYMS

CA7; Polyclonal Antibody; CA7 Polyclonal Antibody; CA 7; CA VII; CA-VII; Ca7; CAH7; Carbonate dehydratase VII; Carbonic anhydrase 7; Carbonic anhydrase VII; Carbonic dehydratase VII; CAVII; EC=4.2.1.1; anti-CA7 antibody

### PRODUCT SPECIFICATIONS

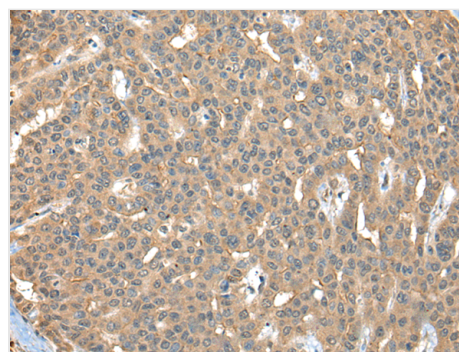
|                                               |                                                         |
|-----------------------------------------------|---------------------------------------------------------|
| Host                                          | Rabbit                                                  |
| Reactivity                                    | Human, Mouse                                            |
| Clonality                                     | Polyclonal                                              |
| Isotype                                       | IgG                                                     |
| Purity/Purification                           | Antigen Affinity Purification                           |
| Form/Format                                   | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                 | 0.6mg/mL (varies by lot)                                |
| Sequence Length                               | 264                                                     |
| Applicable Applications for anti-CA7 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)    |
| Immunogen                                     | Full length fusion protein                              |
| Conjugation                                   | Unconjugated                                            |
| Preparation and Storage                       | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



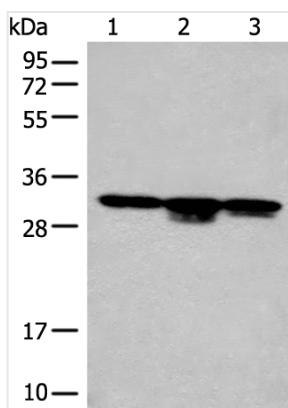
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using CA7 Polyclonal Antibody at dilution of 1:40(×200)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CA7 Polyclonal Antibody at dilution of 1:40(×200)



#### WB (Western Blot)

Western blot analysis of RAW264.7 cell Mouse kidney tissue and Mouse heart tissue lysates using CA7 Polyclonal Antibody at dilution of 1:400

## ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-CA7 antibody</b> | Carbonic anhydrases are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. The cytosolic protein encoded by this gene is predominantly expressed in the salivary glands. Alternative splicing in the coding region results in multiple transcript variants encoding different isoforms. |
| <b>Product Categories/Family for anti-CA7 antibody</b>   | <a href="#">Cancer</a> ; <a href="#">Cell Biology</a> ; <a href="#">Tags &amp; Cell Markers</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## NCBI AND UNIPROT INFORMATION

|                                         |                         |
|-----------------------------------------|-------------------------|
| <b>NCBI GI #</b>                        | <a href="#">1168744</a> |
| <b>NCBI GeneID</b>                      | <a href="#">766</a>     |
| <b>UniProt Accession #</b>              | <a href="#">P43166</a>  |
| <b>Molecular Weight</b>                 | 30 kDa                  |
| <b>NCBI Official Full Name</b>          | Carbonic anhydrase 7    |
| <b>NCBI Official Synonym Full Names</b> | carbonic anhydrase 7    |
| <b>NCBI Official Symbol</b>             | CA7                     |
| <b>NCBI Official Synonym Symbols</b>    | CAVII; CA-VII           |
| <b>NCBI Protein Information</b>         | carbonic anhydrase 7    |
| <b>UniProt Protein Name</b>             | Carbonic anhydrase 7    |
| <b>UniProt Gene Name</b>                | <b>CA7</b>              |
| <b>UniProt Entry Name</b>               | CAH7_HUMAN              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ca7-antibody-immunohistochemistry-western-blot-elisa/176331>