

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

CA7 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175262	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

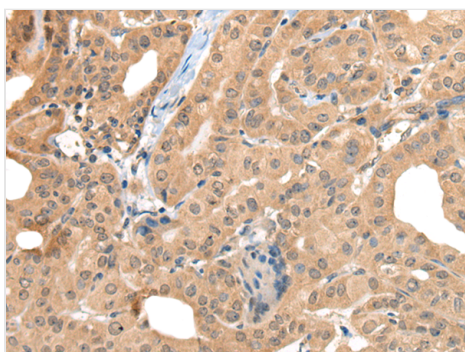
PRODUCT SYNONYMS

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

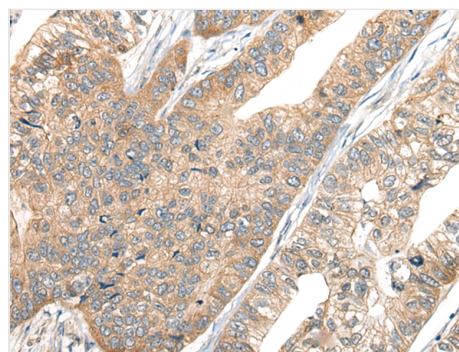
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.8mg/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.

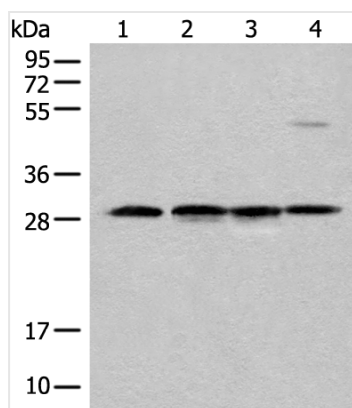
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CA7 Polyclonal Antibody at dilution of 1:50(×200


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using CA7 Polyclonal Antibody at dilution of 1:50(×200



WB (Western Blot)

Western blot analysis of Human urinary bladder tissue Mouse heart tissue Mouse kidney tissue and RAW264.7 cell lysates using CA7 Polyclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-CA7 antibody

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.

Product Categories/Family for anti-CA7 antibody

[Cancer](#); [Cell Biology](#); [Tags & Cell Markers](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	1168744
NCBI GeneID	766
UniProt Accession #	P43166
Molecular Weight	30 kDa
NCBI Official Full Name	Carbonic anhydrase 7
NCBI Official Synonym Full Names	carbonic anhydrase 7
NCBI Official Symbol	CA7
NCBI Official Synonym Symbols	CAVII; CA-VII
NCBI Protein Information	carbonic anhydrase 7
UniProt Protein Name	Carbonic anhydrase 7
UniProt Gene Name	CA7
UniProt Entry Name	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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ca7-antibody-immunohistochemistry-western-blot-elisa/175262>