

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

CA7 Antibody

CATALOG # AAA310298	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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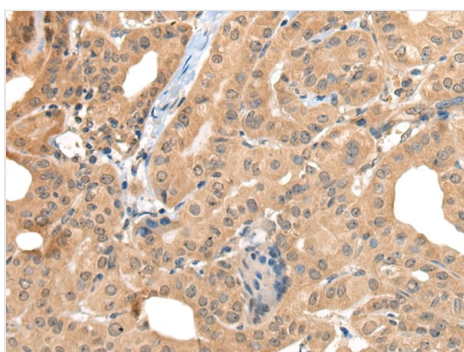
PRODUCT SYNONYMS

CA7; Polyclonal Antibody; CA7 Antibody; CAVII; anti-CA7 antibody

PRODUCT SPECIFICATIONS

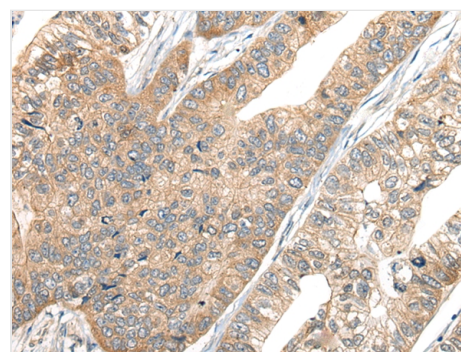
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CA7 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.2mg/ml (varies by lot)
Sequence Length	1580
Applicable Applications for anti-CA7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Full length fusion protein of human CA7
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



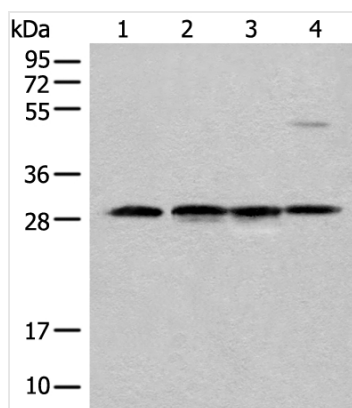
IHC (Immunohistochemisry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46379(CA7 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x200)



IHC (Immunohiostchemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 46379(CA7 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x200)



SDS-PAGE

Gel: 12%SDS-PAGE lysate: 40 µg, Lane 1-4: Human urinary bladder tissue, Mouse heart tissue, Mouse kidney tissue and RAW264.7 cell lysates, Primary antibody: 46379E (CA7 Antibody) at dilution 1/500, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 seconds

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21707175
NCBI GeneID	766
UniProt Accession #	P43166; Q541F0; Q86YU0
Molecular Weight	30 kDa
NCBI Official Full Name	Homo sapiens carbonic anhydrase VII, mRNA
NCBI Official Synonym Full Names	carbonic anhydrase 7
NCBI Official Symbol	CA7
NCBI Official Synonym Symbols	CAVII
NCBI Protein Information	carbonic anhydrase 7
UniProt Protein Name	Carbonic anhydrase 7
UniProt Gene Name	CA7
UniProt Synonym Gene Names	CA-VII

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/310298>