

Rabbit CA4 Polyclonal Antibody | anti-CA4 antibody

CA4 Polyclonal Antibody

CATALOG # AAA166344	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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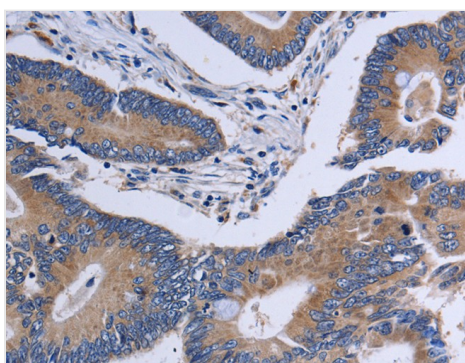
PRODUCT SYNONYMS

CA4; Polyclonal Antibody; CA4 Polyclonal Antibody; CAIV; Car4; RP17; anti-CA4 antibody

PRODUCT SPECIFICATIONS

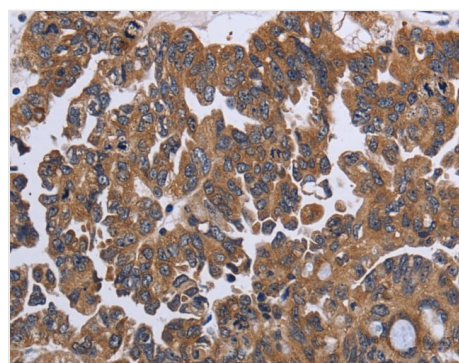
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.4mg/mL (varies by lot)
Sequence Length	312
Applicable Applications for anti-CA4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human CA4
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



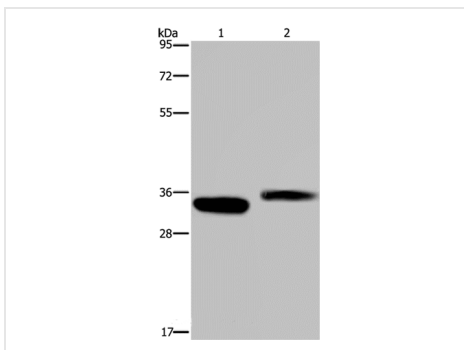
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human colon cancer using CA4 Polyclonal Antibody at dilution of 1:30



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer using CA4 Polyclonal Antibody at dilution of 1:30



WB (Western Blot)

Western Blot analysis of Human fetal lung tissue using CA4 Polyclonal Antibody at dilution of 1:250

ADDITIONAL INFORMATION

Related Product Information for anti-CA4 antibody

Carbonic anhydrases (CAs) 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. This gene encodes a glycosylphosphatidyl-inositol-anchored membrane isozyme expressed on the luminal surfaces of pulmonary (and certain other) capillaries and proximal renal tubules. Its exact function is not known; however, it may have a role in inherited renal abnormalities of bicarbonate transport.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456489
NCBI GeneID	762
UniProt Accession #	Q6FHI7; B4DQA4; P22748
Molecular Weight	11,599 Da
NCBI Official Full Name	CA4
NCBI Official Synonym Full Names	carbonic anhydrase IV
NCBI Official Symbol	CA4
NCBI Official Synonym Symbols	CAIV; Car4; RP17
NCBI Protein Information	carbonic anhydrase 4; CA-IV; carbonate dehydratase IV; carbonic dehydratase IV
UniProt Protein Name	Carbonic anhydrase 4
UniProt Gene Name	CA4
UniProt Synonym Gene Names	CA-IV
UniProt Entry Name	CAH4_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/ca4-antibody-immunohistochemistry-western-blot-elisa/166344>