

Rabbit anti-Human Carbonic Anhydrase IV (CA4) Polyclonal Antibody | anti-CA4 antibody

Polyclonal Antibody to Carbonic Anhydrase IV (CA4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA131555	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

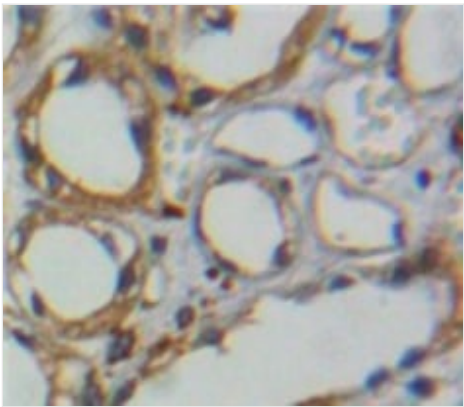
PRODUCT SYNONYMS

Carbonic Anhydrase IV (CA4); Polyclonal Antibody; Polyclonal Antibody to Carbonic Anhydrase IV (CA4); anti-CA4 antibody

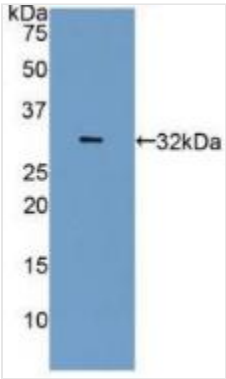
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CA4. It has been selected for its ability to recognize CA4 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-tag and its sequence is listed below. MG HHHHHHSGSE F-AESHWCEY VQAESSNYPC LVPVKWGGNC QKDRQSPINI VTTKAKVDKK LGRFFFSGYD KKQTWTVQNN GHSVMMLLEN KASISGGGLP APYQAKQLHL HWSLDPYKGS EHSLDGEHFA MEMHIVHEKE KGTSRNVKEA QDPEDEIAVL AFLVEAGTQV NEGfqPLVEA LSNIPKPEMS TTMAESSLLD LLPKEEKLRLH YFRYLGLSTT PTCDEKVWT VFREPIQLHR EQILAFSQKL YYDKEQTVSM KDNVRPLQQL GQRTVIK
Sequence Length	222
Applicable Applications for anti-CA4 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant CA4 (Ala19~Lys283) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin-embedded Kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant CA4, Human.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502519
NCBI GeneID	762
NCBI Accession #	NP_000708.1
NCBI GenBank Nucleotide #	NM_000717.4
UniProt Accession #	P22748; Q6FHI7; B4DQA4
Molecular Weight	11,599 Da
NCBI Official Full Name	carbonic anhydrase 4 preproprotein
NCBI Official Synonym Full Names	carbonic anhydrase 4
NCBI Official Symbol	CA4
NCBI Official Synonym Symbols	CAIV; Car4; RP17
NCBI Protein Information	carbonic anhydrase 4
UniProt Protein Name	Carbonic anhydrase 4
UniProt Gene Name	CA4
UniProt Synonym Gene Names	CA-IV

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/carbonic-anhydrase-iv-ca4-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131555>