

Goat CA1 / Carbonic Anhydrase I Polyclonal Antibody | anti-CA1 antibody

Goat Polyclonal to Human CA1 / Carbonic Anhydrase I

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51686	Goat	Gibbon, Chimpanzee, Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

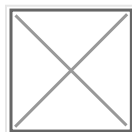
PRODUCT SYNONYMS

CA1 / Carbonic Anhydrase I; Polyclonal Antibody; Goat Polyclonal to Human CA1 / Carbonic Anhydrase I; Anti-CA1 / Carbonic Anhydrase I Antibody IHC-plus; CA1; CAB; Carbonic anhydrase 1; CAR1; Carbonate dehydratase I; Carbonic dehydratase; CA-I; Carbonic anhydrase B; Carbonic anhydrase I; Human CA1; Carbonic Anhydrase I; anti-CA1 antibody

PRODUCT SPECIFICATIONS

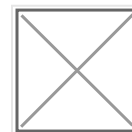
Host	Goat
Reactivity	Gibbon, Chimpanzee, Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human CA1 / Carbonic Anhydrase I. Reported variants represent identical protein: NP_001729.1, NP_001122303.1, NP_001122302.1, NP_001122301.1.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	261
Applicable Applications for anti-CA1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-QAIKTKGKRAP from an internal region of human CA1 / Carbonic Anhydrase I (NP_001729.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon (100%); Monkey, Elephant (91%); Marmoset (82%).
Immunogen Type	Synthetic peptide
Immunogen	CA1 / Carbonic Anhydrase I antibody was raised against synthetic peptide C-QAIKTKGKRAP from an internal region of human CA1 / Carbonic Anhydrase I (NP_001729.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon (100%); Monkey, Elephant (91%); Marmoset (82%).
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



WB (Western Blot)

Staining (0.03 ug/ml) of Human Liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)

Anti-CA1 / Carbonic Anhydrase I antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 2.5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502517
NCBI GeneID	759
NCBI Accession #	NP_001729.1
NCBI GenBank Nucleotide #	NM_001738.4
UniProt Accession #	P00915
Molecular Weight	28,870 Da
NCBI Official Full Name	carbonic anhydrase 1 isoform a
NCBI Official Synonym Full Names	carbonic anhydrase I
NCBI Official Symbol	CA1
NCBI Official Synonym Symbols	CAB; CA-I; Car1; HEL-S-11
NCBI Protein Information	carbonic anhydrase 1; carbonic anhydrase B; carbonate dehydratase I; epididymis secretory protein Li 11
UniProt Protein Name	Carbonic anhydrase 1
UniProt Gene Name	CA1
UniProt Synonym Gene Names	CAB; CA-I
UniProt Entry Name	CAH1_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/ca1-carbonic-anhydrase-i-antibody-western-blot-immunohistochemistry-elisa/51686>