

Rabbit Carbonic Anhydrase I Polyclonal Antibody | anti-CA1 antibody

Carbonic Anhydrase I Antibody

CATALOG # AAA225744	HOST Rabbit	APPLICATIONS Western Blot
-------------------------------	-----------------------	-------------------------------------

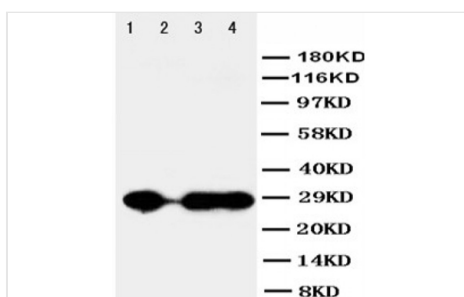
PRODUCT SYNONYMS

Carbonic Anhydrase I; Polyclonal Antibody; Carbonic Anhydrase I Antibody; Affinity Purified Rabbit Polyclonal Carbonic Anhydrase I Antibody; Polyclonal Carbonic Anhydrase I antibody; Anti-Carbonic Anhydrase I antibody; Carbonic anhydrase 1 antibody; Carbonic anhydrase B antibody; Car1 antibody; CA1 antibody; yadF antibody; Carbonic dehydratase antibody; Carbonate dehydratase I antibody; ECK0125 antibody; anti-CA1 antibody

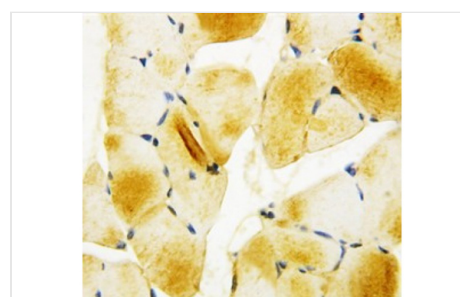
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Chromatography
Form/Format	Lyophilized Form
Sequence Length	261
Applicable Applications for anti-CA1 antibody	WB (Western Blot)
Immunogen	Carbonic Anhydrase I antibody was raised in Rabbit using a synthetic peptide corresponding to a sequence at the N-terminal of human CA1, different from the Rabbit sequence by one amino acid, as the immunogen
Preparation and Storage	Store at 4 degree C for short term storage. For long term storage aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Lane 1: Rat Spleen Tissue Lysate; Lane 2: Rat Testicle Tissue Lysate; Lane 3: Rat Kidney Tissue Lysate; Lane 4: Rat Lung Tissue Lysate


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded section of Rat Skeletal Muscle Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-CA1 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. CA1 is closely linked to CA2 and CA3 genes on chromosome 8, and it encodes a cytosolic protein which is found at the highest level in erythrocytes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502517
NCBI GeneID	759
NCBI GenBank Nucleotide #	NP_001729.1
UniProt Accession #	P00915
NCBI Official Full Name	carbonic anhydrase 1 isoform a
NCBI Official Synonym Full Names	carbonic anhydrase 1
NCBI Official Symbol	CA1
NCBI Official Synonym Symbols	CAB; CA-I; Car1; HEL-S-11
NCBI Protein Information	carbonic anhydrase 1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/carbonic-anhydrase-i-antibody-western-blot-elisa/225744>