

Rabbit CA2 Polyclonal Antibody | anti-CA2 antibody

CA2 antibody - N-terminal region

CATALOG # AAA200987	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

CA2; Polyclonal Antibody; CA2 antibody - N-terminal region; anti-CA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: SQ DKAVLKGGPL DGTYRLIQFH FHWGSLDGQG SEHTVDKKKY AAELHLVH
Sequence Length	260
Applicable Applications for anti-CA2 antibody	WB (Western Blot)
Homology	Cow: 85%; Dog: 100%; Guinea Pig: 91%; Horse: 100%; Human: 100%; Mouse: 92%; Pig: 100%; Rabbit: 92%; Rat: 92%; Sheep: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CA2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CA2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Muscle

WB (Western Blot)

Host: Rat
Target Name: CA2
Sample Tissue: Rat Skeletal Muscle
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CA2 antibody	This is a rabbit polyclonal antibody against CA2. It was validated on Western Blot Target Description: CA2 is essential for bone resorption and osteoclast differentiation. CA2 is implicated in reversible hydration of carbon dioxide. CA2 can hydrate cyanamide to urea. CA2 is involved in the regulation of fluid secretion into the anterior chamber of the eye.
Product Categories/Family for anti-CA2 antibody	Polyclonal; Drugs and Drug Metabolism; Stem Cells; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557395
NCBI GeneID	760
NCBI Accession #	NP_000058
NCBI GenBank Nucleotide #	NM_000067
UniProt Accession #	P00918
Molecular Weight	29kDa
NCBI Official Full Name	carbonic anhydrase 2 isoform 1
NCBI Official Synonym Full Names	carbonic anhydrase 2
NCBI Official Symbol	CA2
NCBI Official Synonym Symbols	CAC; CAII; Car2; CA-II; HEL-76; HEL-S-282
NCBI Protein Information	carbonic anhydrase 2
UniProt Protein Name	Carbonic anhydrase 2
UniProt Gene Name	CA2
UniProt Synonym Gene Names	CAC; CA-II
UniProt Entry Name	CAH2_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/ca2-antibody-western-blot-elisa/200987>