

Rabbit Carbonic Anhydrase 2 Polyclonal Antibody | anti-CA2 antibody

Anti-Carbonic Anhydrase 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104216	Rabbit	Human, Rat, Monkey	Immunohistochemistry, Western Blot

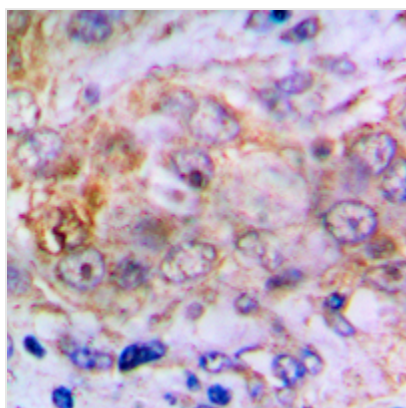
PRODUCT SYNONYMS

Carbonic Anhydrase 2; Polyclonal Antibody; Anti-Carbonic Anhydrase 2 Antibody; Carbonic anhydrase 2; Carbonate dehydratase II; Carbonic anhydrase C; CAC; Carbonic anhydrase II; CA-II; anti-CA2 antibody

PRODUCT SPECIFICATIONS

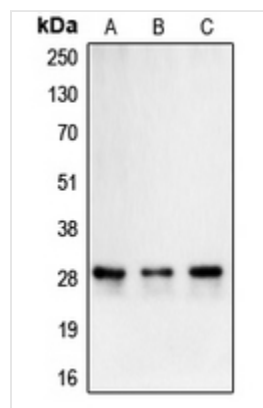
Host	Rabbit
Reactivity	Human, Rat, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Carbonic Anhydrase 2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	260
Applicable Applications for anti-CA2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Carbonic Anhydrase 2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of Carbonic Anhydrase 2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Carbonic Anhydrase 2 expression in Caco2 (A), K562 (B), Caki1 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CA2 antibody	Rabbit polyclonal antibody to Carbonic Anhydrase 2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557395
NCBI GeneID	760
NCBI Accession #	NP_000058.1
NCBI GenBank Nucleotide #	NM_000067.2
UniProt Accession #	P00918; Q6F112; Q96ET9; B2R7G8
Molecular Weight	29,246 Da
NCBI Official Full Name	carbonic anhydrase 2 isoform 1
NCBI Official Synonym Full Names	carbonic anhydrase II
NCBI Official Symbol	CA2
NCBI Official Synonym Symbols	CAC; CAII; Car2; CA-II; HEL-76
NCBI Protein Information	carbonic anhydrase 2; carbonic anhydrase B; carbonic anhydrase C; carbonic dehydratase; carbonate dehydratase II; epididymis luminal protein 76
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/carbonic-anhydrase-2-antibody-immunohistochemistry-western-blot-elisa/104216>