

Rabbit Carbonic Anhydrase 2 Monoclonal Antibody | anti-CA2 antibody

Carbonic Anhydrase 2 Antibody

CATALOG # AAA312580	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Carbonic Anhydrase 2; Monoclonal Antibody; Carbonic Anhydrase 2 Antibody; CA 2 antibody; CA II antibody; CA-II antibody; Ca2 antibody; CAC antibody; CAH2_HUMAN antibody; CAII antibody; Car 2 antibody; Car2 antibody; Carbonate dehydratase II antibody; Carbonic anhydrase 2 antibody; Carbonic anhydrase B antibody; Carbonic anhydrase C antibody; Carbonic anhydrase C; formerly antibody; Carbonic anhydrase II antibody; Carbonic dehydratase antibody; epididymis luminal protein 76 antibody; Epididymis secretory protein Li 282 antibody; HEL-76 antibody; HEL-S-282 antibody; anti-CA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JU12-37
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CA2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



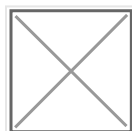
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse stomach tissue using anti-Carbonic anhydrase 2 antibody. Counter stained with hematoxylin.



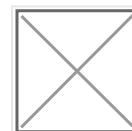
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue using anti-Carbonic anhydrase 2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat stomach tissue using anti-Carbonic anhydrase 2 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Carbonic anhydrase 2 on different lysates using anti-Carbonic anhydrase 2 antibody at 1/1,000 dilution. Positive control: Lane 1: Mouse brain Lane 2: 293T Lane 3: Rat liver Lane 4: Mouse colon

ADDITIONAL INFORMATION

Related Product Information for anti-CA2 antibody	Carbonic anhydrases (CAs) are members of a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. CAs are involved in a variety of biological processes including respiration, calcification, acid-base balance and bone resorption, as well as the formation of aqueous humor, cerebrospinal fluid, saliva and gastric juice. They show extensive diversity in distribution and in their subcellular localization. The human CA2 gene, which maps to chromosome 8q21, encodes CA II, a cytoplasmic protein that has the highest turnover rate and widest tissue distribution of any known human CA isozyme. The human CA4 gene, which maps to chromosome 17q23, encodes CA IV, a membrane-anchored isozyme that is expressed on the luminal surfaces of pulmonary capillaries and proximal renal tubules. The human CA9, CA12 and CA14 genes, which map to chromosomes 9p13, 15q22 and 1q21, respectively, encode transmembrane proteins that have unique patterns of tissue-specific expression.
Product Categories/Family for anti-CA2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	115456
NCBI GeneID	760
UniProt Accession #	P00918; Q6FI12; Q96ET9; B2R7G8
Molecular Weight	260
NCBI Official Full Name	Carbonic anhydrase 2
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/carbonic-anhydrase-2-antibody-clone-ju12-37-immunohistochemistry-western-blot-elisa/312580>