

Rabbit CA2 Polyclonal Antibody | anti-CA2 antibody

CA2 Polyclonal Antibody

CATALOG # AAA168971	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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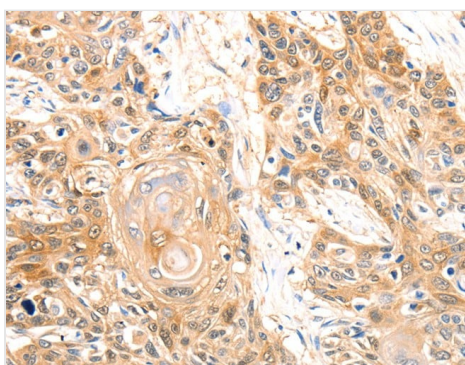
PRODUCT SYNONYMS

CA2; Polyclonal Antibody; CA2 Polyclonal Antibody; CAII; Car2; CA-II; anti-CA2 antibody

PRODUCT SPECIFICATIONS

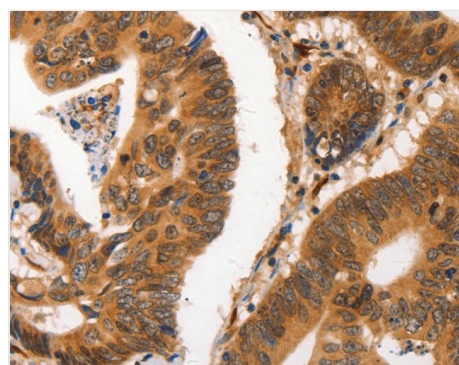
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Concentration	0.3mg/mL (varies by lot)
Sequence Length	260
Applicable Applications for anti-CA2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human CA2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



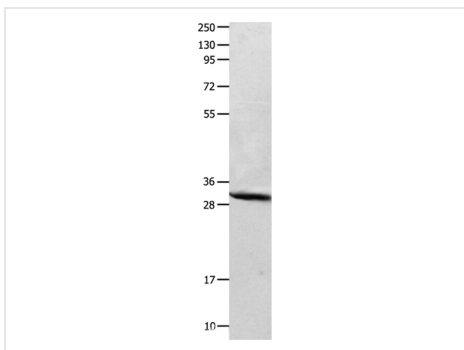
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer using CA2 Polyclonal Antibody at dilution of 1:20



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer using CA2 Polyclonal Antibody at dilution of 1:20



WB (Western Blot)

Western Blot analysis of Mouse brain tissue using CA2 Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

Related Product Information for anti-CA2 antibody	CA2 is one of several (at least 7) isozymes of carbonic anhydrase. Carbonic anhydrase catalyzes reversible hydration of carbon dioxide. Defects in this enzyme are associated with osteopetrosis and renal tubular acidosis. Essential for bone resorption and osteoclast differentiation By similarity. Reversible hydration of carbon dioxide. Can hydrate cyanamide to urea. Involved in the regulation of fluid secretion into the anterior chamber of the eye.
Product Categories/Family for anti-CA2 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456705
NCBI GeneID	760
UniProt Accession #	P00918; Q6FI12; Q96ET9; B2R7G8
Molecular Weight	29kDa
NCBI Official Full Name	CA2, partial
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; carbonate dehydratase II; carbonic anhydrase B; carbonic anhydrase C; carbonic dehydratase; 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://stage.aaabiotech.com/polyclonal/ca2-antibody-immunohistochemistry-western-blot-elisa/168971>