

Rabbit anti-Human CA12/Carbonic Anhydrase XII Polyclonal Antibody | anti-CA12 antibody

Anti-CA12/Carbonic Anhydrase XII Antibody (aa25-301)

CATALOG # AAA162436	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

CA12/Carbonic Anhydrase XII; Polyclonal Antibody; Anti-CA12/Carbonic Anhydrase XII Antibody (aa25-301); Mouse Monoclonal (IgG1) to Human CA12/Carbonic Anhydrase XII; CA12; CA-XII; Carbonic anhydrase 12; Carbonic dehydratase; CAXII; HsT18816; Tumor antigen HOM-RCC-3.1.3; Carbonate dehydratase XII; Carbonic anhydrase XII; anti-CA12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human CA12/Carbonic Anhydrase XII
Purity/Purification	Caprylic acid and ammonium sulfate precipitation
Form/Format	PBS, pH 7.4, 0.03% Proclin 300, 50% glycerol.
Sequence Length	354
Applicable Applications for anti-CA12 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Carbonic anhydrase 12 protein.
Conjugation	Unconjugated
Epitope	aa25-301
Preparation and Storage	Aliquot and store at -20 degree C or -80 degree C. Avoid freeze-thaw cycles.

IMAGES



WB (Western Blot)

CA12 antibody at 6ug/ml+Mouse kidney tissue Goat polyclonal to rabbit IgG at 1/10000 dilution



IHC (Immunohistochemistry)

Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-CA12 antibody	Carbonic anhydrases (CAs) are a large family of zinc metalloenzymesthat 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502515
NCBI GeneID	771
NCBI Accession #	NP_001209.1
NCBI GenBank Nucleotide #	NM_001218.4
UniProt Accession #	O43570; Q53YE5; Q9BWG2; B2RE24
Molecular Weight	38,408 Da
NCBI Official Full Name	carbonic anhydrase 12 isoform 1
NCBI Official Synonym Full Names	carbonic anhydrase 12
NCBI Official Symbol	CA12
NCBI Official Synonym Symbols	CAXII; CA-XII; T18816; HsT18816
NCBI Protein Information	carbonic anhydrase 12
UniProt Protein Name	Carbonic anhydrase 12
UniProt Gene Name	CA12
UniProt Synonym Gene Names	CA-XII

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/ca12-carbonic-anhydrase-xii-antibody-western-blot-immunohistochemistry-elisa/162436>