

Goat carbonic anhydrase XII Polyclonal Antibody | anti-CA12 antibody

Goat anti-carbonic anhydrase XII (aa188-199) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61761	Goat	Tested: Human; Expected from sequence similarity: Human	Immunohistochemistry, Western Blot, ELISA

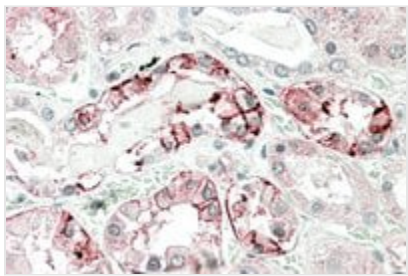
PRODUCT SYNONYMS

carbonic anhydrase XII; Polyclonal Antibody; Goat anti-carbonic anhydrase XII (aa188-199) Antibody; CA12; CAXII; HsT18816; CA-XII; carbonate dehydratase XII; carbonic anhydrase 12; carbonic dehydratase; tumor antigen HOM-RCC-3.1.3; CA12 antibody; carbonic anhydrase XII antibody; CAXII antibody; HsT18816 antibody; CA-XII antibody; carbonate dehydratase XII antibody; carbonic anhydrase 12 antibody; carbonic dehydratase antibody; tumor antigen HOM-RCC-3.1.3 antibody; carbonic anhydrase XII (aa188-199); anti-CA12 antibody

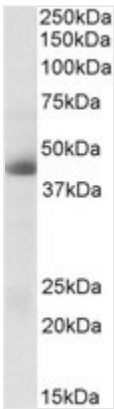
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	SHLQHVYKYG QE
Sequence Length	354
Applicable Applications for anti-CA12 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-SHLQHVYKYGQE, from the internal region of the protein sequence according to NP_001209.1; NP_996808.1.
Epitope	Internal region
Note	This antibody is expected to recognize both reported isoforms (NP_001209.1; NP_996808.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
5ug/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)
0.3ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502515
NCBI GeneID	771
NCBI Accession #	NP_001209.1; NP_996808.1
NCBI GenBank Nucleotide #	NM_001218.4
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
UniProt Entry Name	CAH12_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.