

Goat anti-carbonic anhydrase XII (aa188-199), Biotinylated Antibody
Peptide-affinity purified goat antibody
Catalog # AF4441a

Specification

Goat anti-carbonic anhydrase XII (aa188-199), Biotinylated Antibody - Product Information

Application	WB, IHC, Pep-ELISA
Primary Accession	O43570
Other Accession	NP_001209.1 , NP_996808.1 , NP_001280571.1
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	39451

Goat anti-carbonic anhydrase XII (aa188-199), Biotinylated Antibody - Additional Information

Gene ID 771

Other Names

CA12; carbonic anhydrase 12; CA-XII; CAXII; HsT18816; T18816; carbonate dehydratase XII; carbonic anhydrase XII; carbonic dehydratase; tumor antigen HOM-RCC-3.1.3

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen

This antibody is expected to recognize all reported isoforms (NP_001209.1; NP_996808.1; NP_001280571.1).

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat anti-carbonic anhydrase XII (aa188-199), Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-carbonic anhydrase XII (aa188-199), Biotinylated Antibody - Protein Information

Name CA12 ([HGNC:1371](#))

Function

Reversible hydration of carbon dioxide.

Cellular Location

Membrane; Single-pass type I membrane protein. Cell membrane

Tissue Location

Highly expressed in colon, kidney, prostate, intestine and activated lymphocytes. Expressed at much higher levels in the renal cell cancers than in surrounding normal kidney tissue Moderately expressed in pancreas, ovary and testis. Expressed in sweat glands and bronchiolar epithelium (PubMed:26911677)

Goat anti-carbonic anhydrase XII (aa188-199), Biotinylated Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat anti-carbonic anhydrase XII (aa188-199), Biotinylated Antibody - Images