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

Peptide-affinity purified goat antibody
Catalog # AF4441a

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
Clone Names	CA12
Calculated MW	39451

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
Dilution	WB~~1:1000 IHC~~1:100~500 Pep-ELISA~~N/A
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.

Protein Information

Name	CA12 (HGNC:1371)
Function	Reversible hydration of carbon dioxide.
Cellular Location	Membrane; Single- pass type I membrane protein. Cell membrane;

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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)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.