

Rabbit anti-Human CA6 Polyclonal Antibody | anti-CA6 antibody

CA6 Antibody (C-term)

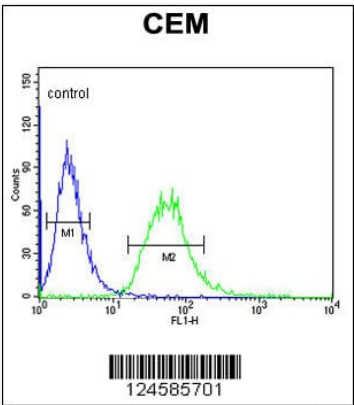
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287715	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

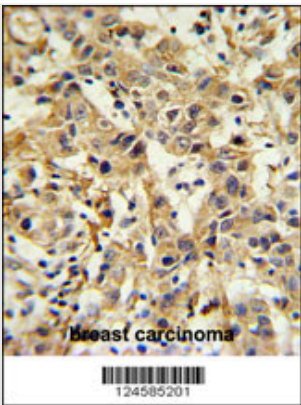
CA6; Polyclonal Antibody; CA6 Antibody (C-term); Carbonic anhydrase 6; Carbonate dehydratase VI; Carbonic anhydrase VI; CA-VI; Salivary carbonic anhydrase; Secreted carbonic anhydrase; anti-CA6 antibody

PRODUCT SPECIFICATIONS

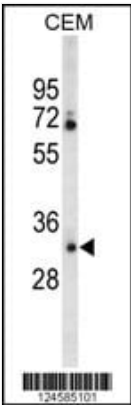
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CA6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 279-308 amino acids from the C-terminal region of human CA6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	279-308
Sequence Length	248
Applicable Applications for anti-CA6 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CA6 Antibody (C-term) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
CA6 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CA6 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CA6 Antibody (C-term) in CEM cell line lysates (35ug/lane). CA6 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CA6 antibody	The protein encoded by this gene is one of several isozymes of carbonic anhydrase. This protein is found only in salivary glands and saliva and protein may play a role in the reversible hydratation of carbon dioxide though its function in saliva is unknown.
Product Categories/Family for anti-CA6 antibody	Cell Biology
References	Nishimori, I., et al. Bioorg. Med. Chem. 15(15):5351-5357(2007) Karhumaa, P., et al. Proc. Natl. Acad. Sci. U.S.A. 98(20):11604-11608(2001) Breton, S. JOP 2 (4 SUPPL), 159-164 (2001) : Leinonen, J., et al. J. Histochem. Cytochem. 49(5):657-662(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	70167127
NCBI GeneID	765
NCBI Accession #	NP_001206.2; NP_001257429.1; NP_001257430.1
NCBI GenBank Nucleotide #	NM_001215.3
UniProt Accession #	P23280; Q5FBW3; Q5FC00; Q96QX8; Q9UF03; E7EMQ1

Molecular Weight	35367
NCBI Official Full Name	carbonic anhydrase 6 isoform 1
NCBI Official Synonym Full Names	carbonic anhydrase VI
NCBI Official Symbol	CA6
NCBI Official Synonym Symbols	CA-VI; GUSTIN
NCBI Protein Information	carbonic anhydrase 6
UniProt Protein Name	Carbonic anhydrase 6
UniProt Gene Name	CA6
UniProt Synonym Gene Names	CA-VI
UniProt Entry Name	CAH6_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ca6-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287715>