

Rabbit anti-Human, Mouse CA5B Polyclonal Antibody | anti-CA5B antibody

CA5B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307457	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

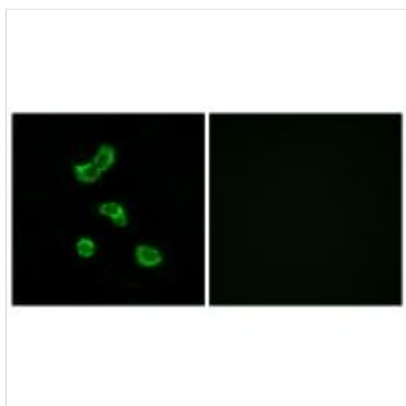
PRODUCT SYNONYMS

CA5B; Polyclonal Antibody; CA5B Antibody; Carbonic anhydrase 5B; mitochondrial [Precursor]; EC 4.2.1.1; Carbonic anhydrase VB; CA-VB; anti-CA5B antibody

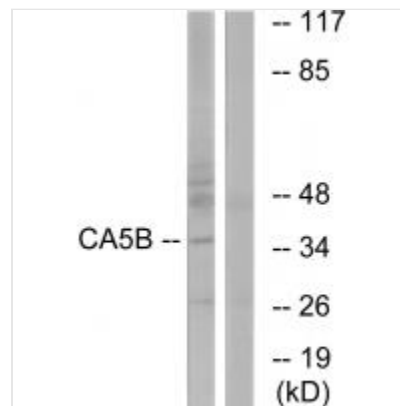
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CA5B protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	317
Applicable Applications for anti-CA5B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CA5B.
Target Name	CA5B
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells, using CA5B antibody.


WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells, using CA5B antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CA5B antibody	Reversible hydration of carbon dioxide. Fujikawa-Adachi K., J. Biol. Chem. 274:21228- 21233(1999). The MGC Project Team; Genome Res. 14:2121-2127(2004).
Product Categories/Family for anti-CA5B antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005723
NCBI GeneID	11238
NCBI Accession #	NP_009151.1
NCBI GenBank Nucleotide #	NM_007220.3
UniProt Accession #	Q9Y2D0; A8K4T5
Molecular Weight	36,434 Da
NCBI Official Full Name	carbonic anhydrase 5B, mitochondrial
NCBI Official Synonym Full Names	carbonic anhydrase VB, mitochondrial
NCBI Official Symbol	CA5B
NCBI Official Synonym Symbols	CA-VB
NCBI Protein Information	carbonic anhydrase 5B, mitochondrial
UniProt Protein Name	Carbonic anhydrase 5B, mitochondrial
UniProt Gene Name	CA5B
UniProt Synonym Gene Names	CA-VB
UniProt Entry Name	CAH5B_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://www.aaabiotech.com/polyclonal/ca5b-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307457>