

Rabbit Carbonic Anhydrase VB, Mitochondrial (CA5B) Polyclonal Antibody | anti-CA5B antibody

Polyclonal Antibody to Carbonic Anhydrase VB, Mitochondrial (CA5B)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132247	Rabbit	Mouse, Human, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

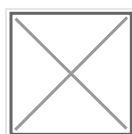
PRODUCT SYNONYMS

Carbonic Anhydrase VB; Mitochondrial (CA5B); Polyclonal Antibody; Polyclonal Antibody to Carbonic Anhydrase VB; anti-CA5B antibody

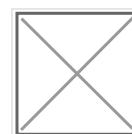
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CA5B. It has been selected for its ability to recognize CA5B in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-RQSPINIR WRDSVYDPGL KPLTISYDPA TCLHIWNNGY SFLVEFEDST DKSVEGGPL EHNYRLKQFH FHWGAIDAWG SEHTVDSKCY PAELHLVHWN AVKFESFEDA ALEENGLAVI GVFLKLGKHH KELQKLVDLTL PSIKHKDTLV EFGSFDPSCL MPTCP
Sequence Length	317
Applicable Applications for anti-CA5B antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant CA5B (Arg63-Pro225) expressed in E.coli.
Cross Reactivity	Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



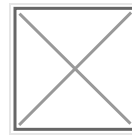
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Cerebrum Tissue



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded testis tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Mouse Liver lysate; Primary Ab: 1.5ug/ml Rabbit Anti-Mouse CA5B Antibody; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;

NCBI AND UNIPROT INFORMATION

NCBI GI #	211057396
NCBI GeneID	56078
NCBI Accession #	NP_851832.2
NCBI GenBank Nucleotide #	NM_181315.4
UniProt Accession #	Q9QZA0; Q8C3J9; Q8K014
Molecular Weight	36,623 Da
NCBI Official Full Name	carbonic anhydrase 5B, mitochondrial
NCBI Official Synonym Full Names	carbonic anhydrase 5b, mitochondrial
NCBI Official Symbol	Car5b
NCBI Official Synonym Symbols	CAVB; Ca5b; CarVb; 7330410H16Rik; D730005F19Rik
NCBI Protein Information	carbonic anhydrase 5B, mitochondrial
UniProt Protein Name	Carbonic anhydrase 5B, mitochondrial
UniProt Gene Name	Ca5b
UniProt Synonym Gene Names	Car5b; CA-VB

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/carbonic-anhydrase-vb-mitochondrial-ca5b-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/132247>