Rabbit anti-Mouse, Rat Carbonic Anhydrase VA (CA5A) Polyclonal Antibody | anti-CA5A antibody

Polyclonal Antibody to Carbonic Anhydrase VA (CA5A)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133566	**Rabbit**	**Mouse, Rat**	**Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry**

PRODUCT SYNONYMS

Carbonic Anhydrase VA (CA5A); Polyclonal Antibody; Polyclonal Antibody to Carbonic Anhydrase VA (CA5A); anti-CA5A antibody

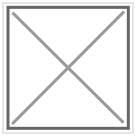
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CA5A. It has been selected for its ability to recognize CA5A in immunohistochemical staining andwestern 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	Ant igen:Thetarge tproteinis fusedwithN -terminalH is-Tagandi tssequence islistedbe low. MG HHHHHHSGS- YKPLAILRHM GPLCATRPQH WRFQHSYAEK HSNCARHPLW TGPVSSPGGT QQSPINIQWT DSVYDPKLAP LRVSYDAASC RYLWNTGYFF QVEFDDSCEE SGISGGPLGN HYRLKQFHFH WGATDEWGSE HMVDGHAYPA ELHLVHWNSM KYENYKKATT GENGLAVIGV FLKLGAHHEA LQRLVDILPE VRHKDTQVTM GPFDPSCL
Sequence Length	305
Applicable Applications for anti-CA5A antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant CA5A (Tyr12~Leu219) expressed in E.coli.
Cross Reactivity	Rat
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 (Immunohistochemisry)
DAB staining on IHC-P. Samples: Rat Tissue

WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Rat Spleen lysate; Primary Ab: 1.5ug/ml Rabbit Anti-Rat CA5A Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506451
NCBI GeneID	54233
NCBI Accession #	NP_062166.1
NCBI GenBank Nucleotide #	NM_019293.3
UniProt Accession #	P43165
Molecular Weight	34,499 Da
NCBI Official Full Name	carbonic anhydrase 5A, mitochondrial
NCBI Official Synonym Full Names	carbonic anhydrase 5A
NCBI Official Symbol	Ca5a
NCBI Official Synonym Symbols	Ca5; Car5a
NCBI Protein Information	carbonic anhydrase 5A, mitochondrial
UniProt Protein Name	Carbonic anhydrase 5A, mitochondrial
UniProt Gene Name	**Ca5a**
UniProt Synonym Gene Names	Ca5; CA-VA

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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