

Rabbit anti-Rat Carbonic Anhydrase III Polyclonal Antibody | anti-CA3 antibody

Polyclonal Antibody to Carbonic Anhydrase III, Muscle Specific (CA3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143554	Rabbit	Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

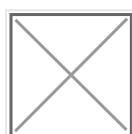
PRODUCT SYNONYMS

Carbonic Anhydrase III; Polyclonal Antibody; Polyclonal Antibody to Carbonic Anhydrase III; Muscle Specific (CA3); anti-CA3 antibody

PRODUCT SPECIFICATIONS

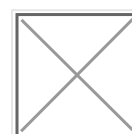
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CA3. It has been selected for its ability to recognize CA3 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHSSGLV PRGSHMASMT GGQMGGRGSE F-NQSPIELH TKDIRHDPSL QPWSVSYDPG SAKTILNNGK TCRVVFDDTF DRSMRGGPL SGPYRLRQFH LHWGSSDDHG SEHTVDGVKY AELHLVHWN PKYNTFGEAL KQPDGIAVVG IFLKIGREKG EFQILLDALD KIKTKGKEAP FNHFDPSCLE PACRDYWTYH GSFTTPPCEE CIVWLL
Applicable Applications for anti-CA3 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	CA3 (Asn27~Val217)
Organism Species	Rattus norvegicus (Rat)
Cross Reactivity	Rat
Conjugate	No Conjugate
Immunogen	Recombinant CA3 (Asn27~Val217) expressed in E. coli.
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 formalin fixed paraffin-embedded muscle tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Rat Liver lysate; Primary Ab: 3ug/ml Rabbit Anti-Rat CA3 Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	31377484
NCBI GeneID	54232
NCBI Accession #	NP_062165.2
NCBI GenBank Nucleotide #	NM_019292.4
UniProt Accession #	P14141; O54961; Q9QV77
Molecular Weight	29,431 Da
NCBI Official Full Name	carbonic anhydrase 3
NCBI Official Synonym Full Names	carbonic anhydrase 3
NCBI Official Symbol	Car3
NCBI Official Synonym Symbols	Ca3
NCBI Protein Information	carbonic anhydrase 3
UniProt Protein Name	Carbonic anhydrase 3
UniProt Gene Name	Ca3
UniProt Synonym Gene Names	CA-III

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/carbonic-anhydrase-iii-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143554>