

Rabbit anti-Mouse, Rat Carbonic Anhydrase I (CA1) Polyclonal Antibody | anti-CA1 antibody

Polyclonal Antibody to Carbonic Anhydrase I (CA1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132652	Rabbit	Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

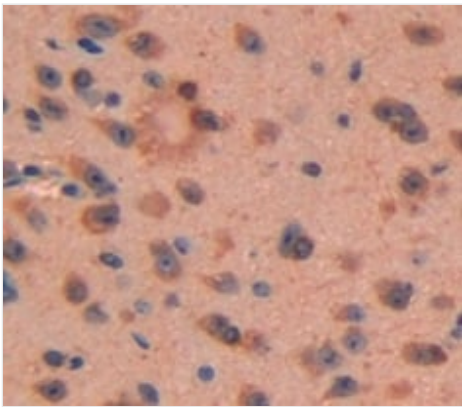
PRODUCT SYNONYMS

Carbonic Anhydrase I (CA1); Polyclonal Antibody; Polyclonal Antibody to Carbonic Anhydrase I (CA1); anti-CA1 antibody

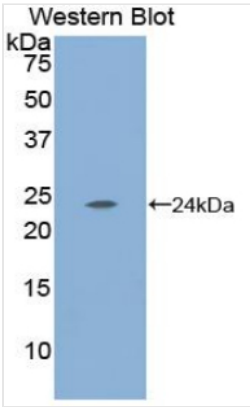
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CA1. It has been selected for its ability to recognize CA1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and the sequence is listed below. MG HHHHHHSGS- DQWSKLYPIA NGNNQSPIDI KTSEANHDSS LKPLSISYNP ATAKEIVNVG HSFHVIFDDS SNQSVLKGGP LADSYRLTQF HFHWGNSNDH GSEHTVDGTR YSGELHLVHW NSAKYSSASE AISKADGLAI LGVLMKVGPA NPSLQKVLDA LNSVKTKGKR APFTNFDPS LLPSSLDYWT YFGSLTHPPL HESVTWVICK DSISLSPEQ
Sequence Length	258
Applicable Applications for anti-CA1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant CA1 (Asp15~Gln223) 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 (Immunohiostchemistry)
DABstainingonIHC-P.Samples:MouseTissue



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

NCBI AND UNIPROT INFORMATION

NCBI GI #	145301561
NCBI GeneID	12346
NCBI Accession #	NP_001077426.1
NCBI GenBank Nucleotide #	NM_001083957.1
UniProt Accession #	P13634; Q3TS19; Q9DC84
Molecular Weight	28,331 Da
NCBI Official Full Name	carbonic anhydrase 1
NCBI Official Synonym Full Names	carbonic anhydrase 1
NCBI Official Symbol	Car1
NCBI Official Synonym Symbols	Ca1; Car-1; AW555628
NCBI Protein Information	carbonic anhydrase 1
UniProt Protein Name	Carbonic anhydrase 1
UniProt Gene Name	Ca1
UniProt Synonym Gene Names	Car1; CA-I

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-i-ca1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/132652>