

Carbonic Anhydrase 1 Monoclonal Antibody | anti-CA1 antibody

Carbonic Anhydrase 1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314320	Recombinant Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

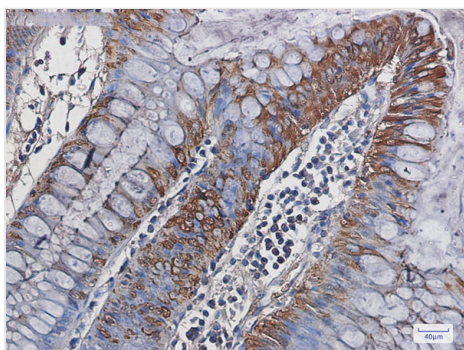
PRODUCT SYNONYMS

Carbonic Anhydrase 1; Monoclonal Antibody; Carbonic Anhydrase 1 Rabbit mAb; CAB; CA-I; Car1; HEL-S-11; anti-CA1 antibody

PRODUCT SPECIFICATIONS

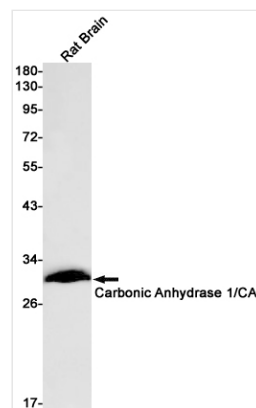
Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S03-8F1
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-CA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Carbonic Anhydrase I
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Carbonic Anhydrase I in paraffin-embedded Human colon cancer tissue using Carbonic Anhydrase I Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of Carbonic Anhydrase 1/CA1 in Rat Brain lysates using Carbonic Anhydrase 1/CA1 Rabbit mAb(1:1000 diluted). Predicted band size:29kDa.Observed band size:29kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CA1 antibody	Reversible hydration of carbon dioxide. Can hydrates cyanamide to urea.
Product Categories/Family for anti-CA1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	192447430
NCBI GeneID	759
NCBI Accession #	NP_001122301.1
NCBI GenBank Nucleotide #	NM_001128829.2
UniProt Accession #	P00915
Molecular Weight	28,870 Da
NCBI Official Full Name	carbonic anhydrase 1
NCBI Official Synonym Full Names	carbonic anhydrase I
NCBI Official Symbol	CA1
NCBI Official Synonym Symbols	CAB; CA-I; Car1
NCBI Protein Information	carbonic anhydrase 1; carbonic anhydrase B; carbonic dehydratase; carbonate dehydratase I
UniProt Protein Name	Carbonic anhydrase 1
UniProt Gene Name	CA1
UniProt Synonym Gene Names	CAB; CA-I
UniProt Entry Name	CAH1_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://stage.aaabiotech.com/monoclonal/carbonic-anhydrase-1-antibody-clone-s03-8f1-immunohistochemistry-western-blot-elisa/314320>