

Rabbit CA8 Polyclonal Antibody | anti-CA8 antibody

CA8 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199060	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

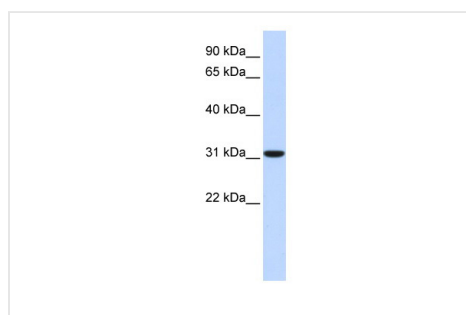
PRODUCT SYNONYMS

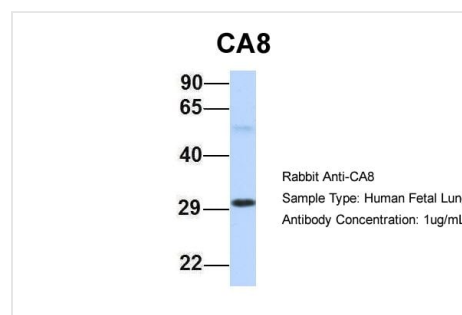
CA8; Polyclonal Antibody; CA8 antibody - middle region; anti-CA8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: TI SQLQIEEFRR LRTHVKGAEI VEGCDGILGD NFRPTQPLSD RVIRAAAFQ
Sequence Length	290
Applicable Applications for anti-CA8 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CA8
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CA8 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:62500
Positive Control: Human Liver

WB (Western Blot)

Host: Rabbit
Target Name: CA8
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CA8 antibody	This is a rabbit polyclonal antibody against CA8. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CA8 was initially named CA-related protein because of sequence similarity to other known carbonic anhydrase genes. However, CA8 lacks carbonic anhydrase activity (i.e., the reversible hydration of carbon dioxide). CA8 continues to carry a carbonic anhydrase designation based on clear sequence identity to other members of the carbonic anhydrase gene family. The protein encoded by this gene was initially named CA-related protein because of sequence similarity to other known carbonic anhydrase genes. However, the gene product lacks carbonic anhydrase activity (i.e., the reversible hydration of carbon dioxide). The gene product continues to carry a carbonic anhydrase designation based on clear sequence identity to other members of the carbonic anhydrase gene family. The absence of CA8 gene transcription in the cerebellum of the lurcher mutant in mice with a neurologic defect suggests an important role for this acatalytic form.
Product Categories/Family for anti-CA8 antibody	Polyclonal; Drugs and Drug Metabolism; Disease Related; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	22027500
NCBI GeneID	767
NCBI Accession #	NP_004047
NCBI GenBank Nucleotide #	NM_004056
UniProt Accession #	P35219
Molecular Weight	33kDa
NCBI Official Full Name	carbonic anhydrase-related protein isoform a
NCBI Official Synonym Full Names	carbonic anhydrase 8
NCBI Official Symbol	CA8
NCBI Official Synonym Symbols	CALS; CARP; CA-RP; CAMRQ3; CA-VIII
NCBI Protein Information	carbonic anhydrase-related protein
UniProt Protein Name	Carbonic anhydrase-related protein
UniProt Gene Name	CA8
UniProt Synonym Gene Names	CALS; CARP; CA-VIII
UniProt Entry Name	CAH8_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://www.aaabiotech.com/polyclonal/ca8-antibody-western-blot-elisa/199060>