

CA8 rabbit monoclonal antibody

Catalog # H00000767-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CA8 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CA8 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CA8 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CA8

Entrez GeneID	767
GeneBank Accession#	CA8
Gene Name	CA8
Gene Alias	CA-VIII, CALS, CARP, MGC120502, MGC99509
Gene Description	carbonic anhydrase VIII
Omim ID	114815
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	CA-related protein carbonate dehydratase carbonic anhydrase-like sequence carbonic anhydrase-related protein

Pathway

- [Nitrogen metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Osteoporosis](#)