

CA8

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 33kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CA8

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CALS; CARP; CAMRQ3; CA-VIII;

Catalog #: A7544

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 767

Isotype: IgG

Swiss Prot: P35219

Purity: Affinity purification

For research use only.

Background:

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.

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