

## CA8

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**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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