

Carbonic Anhydrase I Recombinant Rabbit mAb

Catalog: BS47202

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. This CA1 gene is closely linked to the CA2 and CA3 genes on chromosome 8. It encodes a cytosolic protein that is found at the highest level in erythrocytes. Allelic variants of this gene have been described in some populations. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Nov 2016]

Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Molecular Weight:

29 kDa

Swiss-Prot:

P00915

Purification&Purity:

Affinity Purification

Applications:

WB: 1:2000-1:10000 IHC: 1:50 ICC/IF: 1:200-1:1000

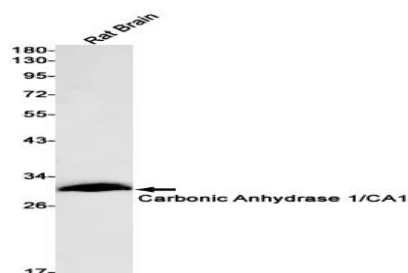
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:



Western blot detection of Carbonic Anhydrase I/CA1 in Rat Brain lysates using Carbonic Anhydrase I/CA1 antibody(1:1000 diluted).

Note:

For research use only, not for use in diagnostic procedure.

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