

Recombinant

DGRmAb®

Carbonic Anhydrase I (DGR16692) Rabbit mAb (PBS Only)

db11276-PBS

Package : 100µg

Product Name : Carbonic Anhydrase I (DGR16692) Rabbit mAb (PBS Only)**Cat.No.:** db11276-PBS**Synonyms** : CAB; CA-I; Car1; HEL-S-11**Application** : WB, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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]

Immunogen

A synthetic peptide of human Carbonic Anhydrase I

Gene ID

759

Swiss Prot

P00915

Synonyms

CAB; CA-I; Car1; HEL-S-11

Reactivity

Human,Mouse,Rat

Application

WB, FC

Recommended dilution

WB: 1:2000-1:20000

FC: 1:50-1:100

Calculated MW

29 kDa

Observed MW

29 kDa

Host species

Rabbit

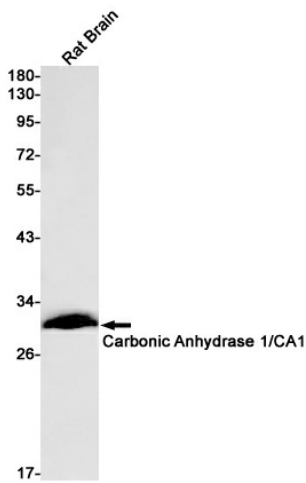
Clonality

Monoclonal

Clonality No.

DGR16692

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of Carbonic Anhydrase 1/CA1 in Rat Brain lysates using [db11276](#)(1:1000 diluted).