

Recombinant

DGRmAb®

Carbonic Anhydrase 9/CA9 (DGR33749) Rabbit mAb

db13052

Package : 10µL 20µL 50µL 100µL

Product Name : Carbonic Anhydrase 9/CA9 (DGR33749) Rabbit mAb**Cat.No.:** db13052**Synonyms** : MN; CAIX**Application** : WB, IHC-P, IP**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. CA IX is a transmembrane protein and is one of only two tumor-associated carbonic anhydrase isoenzymes known. It is expressed in all clear-cell renal cell carcinoma, but is not detected in normal kidney or most other normal tissues. It may be involved in cell proliferation and transformation. This gene was mapped to 17q21.2 by fluorescence in situ hybridization, however, radiation hybrid mapping localized it to 9p13-p12. [provided by RefSeq, Jun 2014]

Immunogen

A synthetic peptide of human Carbonic Anhydrase 9/CA9

Gene ID

768

Swiss Prot

Q16790

Synonyms

MN; CAIX

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, IP

Recommended dilution

WB: 1:1000

IHC-P: 1:200-1:2000

IP: 1:20-1:50

Calculated MW

50 kDa

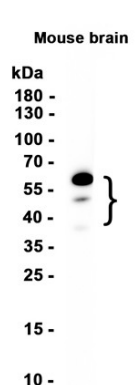
Observed MW

35-58 kDa

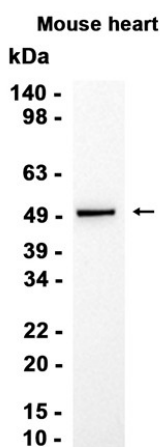
Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR33749
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	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.



Western blot analysis of extracts from Mouse brain tissue using db13052 at 1:1000.



Western blot analysis of extracts from Mouse heart tissue using db13052 at 1:1000.