

Recombinant

DGRmAb®

**Carbonic Anhydrase XIV (DGR20113) Rabbit mAb**

db14363

Package : 10µL 20µL 50µL 100µL

**Product Name** : Carbonic Anhydrase XIV (DGR20113) Rabbit mAb**Cat.No.:** db14363**Synonyms** : CAXiV**Application** : WB**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 XIV is predicted to be a type I membrane protein and shares highest sequence similarity with the other transmembrane CA isoform, CA XII; however, they have different patterns of tissue-specific expression and thus may play different physiologic roles. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Carbonic Anhydrase XIV

**Gene ID**

23632

**Swiss Prot**

Q9ULX7

**Synonyms**

CAXiV

**Reactivity**

Human,Mouse,Rat

**Application**

WB

**Recommended dilution**

WB: 1:1000-1:5000

**Calculated MW**

38 kDa

**Observed MW**

42 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

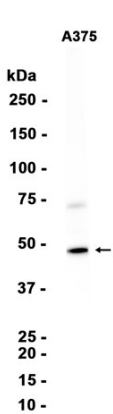
**Clonality No.**

DGR20113

**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 A379 cells using db14363 at 1:1000.