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Anti-Carbonic Anhydrase 1 Rabbit Monoclonal Antibody

Catalog # ABO15413

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	P00915
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Carbonic Anhydrase 1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	759
Other Names	Carbonic anhydrase 1, 4.2.1.1, Carbonate dehydratase I, Carbonic anhydrase B, CAB, Carbonic anhydrase I, CA-I, Cyanamide hydratase CA1, 4.2.1.69, CA1
Calculated MW	28870
Application Details	WB 1:1000-1:5000 IHC 1:50-1:200 ICC/IF 1:100-1:500
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 19C89
Immunogen	A synthesized peptide derived from human Carbonic Anhydrase 1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

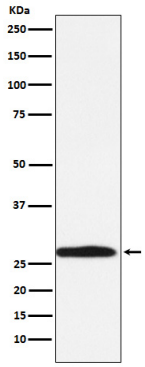
Protein Information

Name	CA1
Function	Catalyzes the reversible hydration of carbon dioxide (PubMed: 10550681, PubMed:16506782, PubMed:16686544, PubMed:16807956, PubMed:17127057, PubMed:17314045, PubMed:17407288,

PubMed:19186056, PubMed:19206230, PubMed:4994926). Can hydrate cyanamide to urea (PubMed:10550681).

Cellular Location Cytoplasm {ECO:0000250|UniProtKB:B0BNN3}.

Images



Western blot analysis of Carbonic Anhydrase 1 expression in K562 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.