

Carbonic Anhydrase 1 Antibody
Rabbit mAb
Catalog # AP91913**Specification****Carbonic Anhydrase 1 Antibody - Product Information**

Application WB, IHC, ICC
Primary Accession [P00915](#)
Reactivity Rat
Clonality Monoclonal
Other Names
CA-I; Carbonic anhydrase B; CAB; Car1;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 28870 Da

Carbonic Anhydrase 1 Antibody - Additional Information

Dilution WB~~1:1000
IHC~~1:100~500
ICC~~N/A
Purification Affinity-chromatography
Immunogen A synthesized peptide derived from human Carbonic Anhydrase 1
Description Reversible hydration of carbon dioxide.
Can hydrates cyanamide to urea.
Storage Condition and Buffer Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Carbonic Anhydrase 1 Antibody - 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:18618712, PubMed:19186056, PubMed:19206230). Can hydrate

cyanamide to urea (PubMed:10550681).

Cellular Location

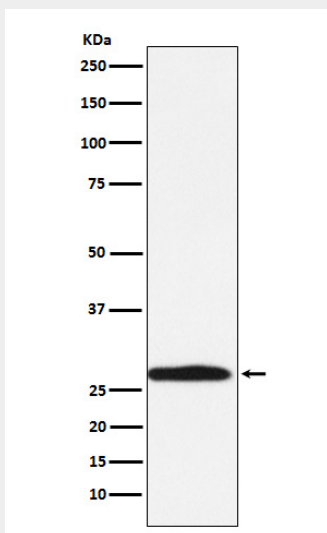
Cytoplasm {ECO:0000250|UniProtKB:B0BNN3}.

Carbonic Anhydrase 1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Carbonic Anhydrase 1 Antibody - Images



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