

CA1 / Carbonic Anhydrase I Antibody
Goat Polyclonal Antibody
Catalog # ALS16851**Specification**

CA1 / Carbonic Anhydrase I Antibody - Product Information

Application	IHC
Primary Accession	P00915
Other Accession	759
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	28870

CA1 / Carbonic Anhydrase I Antibody - Additional Information**Gene ID** 759**Other Names**

CA1, CAB, Carbonic anhydrase 1, CAR1, Carbonate dehydratase I, Carbonic dehydratase, CA-I, Carbonic anhydrase B, Carbonic anhydrase I

Target/Specificity

Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum as well as purified and partially purified Carbonic Anhydrase I [Human Erythrocytes]. Cross reactivity against Carbonic Anhydrase I from other tissues and spec ...

Reconstitution & Storage

0.02 M potassium phosphate, 0.15 M sodium chloride, 0.01% sodium azide, pH 7.2. Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Centrifuge product before removing cap. Only dilute immediately prior to use.

Precautions

CA1 / Carbonic Anhydrase I Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CA1 / Carbonic Anhydrase I Antibody - Protein Information**Name** CA1**Function**

Catalyzes the reversible hydration of carbon dioxide (PubMed:10550681, PubMed:18618712, PubMed:16807956, PubMed:16686544, PubMed:17127057, PubMed:19186056, PubMed:19206230, PubMed:16506782, PubMed:17314045, PubMed:17407288). Can hydrate cyanamide to urea (PubMed:10550681).

Cellular Location

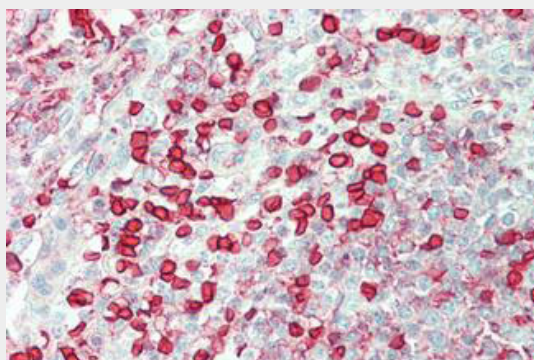
Cytoplasm {ECO:0000250|UniProtKB:B0BNN3}.

CA1 / Carbonic Anhydrase I 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](#)

CA1 / Carbonic Anhydrase I Antibody - Images



Anti-CA1 / Carbonic Anhydrase I antibody IHC staining of human spleen.

CA1 / Carbonic Anhydrase I Antibody - Background

Reversible hydration of carbon dioxide. Can hydrates cyanamide to urea.

CA1 / Carbonic Anhydrase I Antibody - References

Barlow J.H.,et al.Nucleic Acids Res. 15:2386-2386(1987).
Lowe N.,et al.Gene 93:277-283(1990).
Giraud N.,et al.Biochimie 56:1031-1043(1974).
Andersson B.,et al.Biochem. Biophys. Res. Commun. 48:670-677(1972).
Lin K.-T.D.,et al.J. Biol. Chem. 248:1885-1893(1973).