

Specification

Application	WB, IHC-P, E
Primary Accession	P00915
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	29kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

Catalyzes the reversible hydration of carbon dioxide ([PubMed](#):[10550681](http://www.uniprot.org/citations/10550681), [PubMed](#):[16506782](http://www.uniprot.org/citations/16506782), [PubMed](#):[16686544](http://www.uniprot.org/citations/16686544), [PubMed](#):[16807956](http://www.uniprot.org/citations/16807956), [PubMed](#):[17127057](http://www.uniprot.org/citations/17127057), [PubMed](#):[17314045](http://www.uniprot.org/citations/17314045), [PubMed](#):[17407288](http://www.uniprot.org/citations/17407288)

[18618712](http://www.uniprot.org/citations/18618712), PubMed:<[19186056](http://www.uniprot.org/citations/19186056)>, PubMed:<[19206230](http://www.uniprot.org/citations/19206230)>). Can hydrate cyanamide to urea (PubMed:<[10550681](http://www.uniprot.org/citations/10550681)>).

Cellular Location

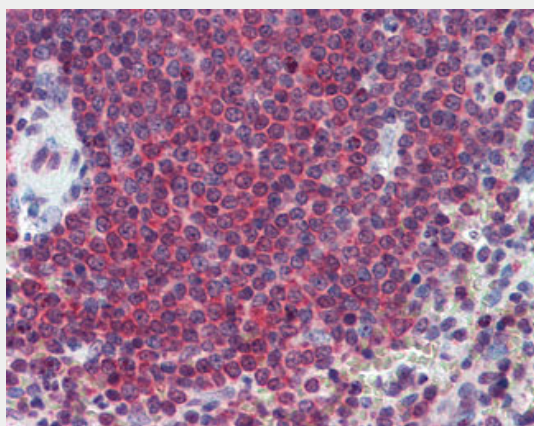
Cytoplasm {ECO:0000250|UniProtKB:B0BNN3}.

CA1 / Carbonic Anhydrase I Antibody - Protocols

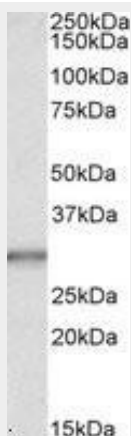
Provided below are standard protocols that you may find useful for product applications.

- [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 of human spleen.



Staining (0.03 ug/ml) of Human Liver lysate (35 ug protein in RIPA buffer).

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).