



Rabbit Anti-CA10 antibody

SL11830R

Product Name:	CA10
Chinese Name:	碳酸酐酶10抗体
Alias:	Carbonic anhydrase X; CA 10; CA-10; CA-RP X; CA10; CAH10_HUMAN; Carbonic anhydrase related protein; Carbonic anhydrase-related protein 10; Carbonic anhydrase-related protein X; CARP X; CARPX; Cerebral protein 15; HUCEP 15.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	38kDa
Cellular localization:	cytoplasmicExtracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Carbonic anhydrase X:142-225/328
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a protein that belongs to the carbonic anhydrase family of zinc metalloenzymes, which catalyze the reversible hydration of carbon dioxide in various biological processes. The protein encoded by this gene is an acatalytic member of the alpha-carbonic anhydrase subgroup, and it is thought to play a role in the central

nervous system, especially in brain development. Multiple transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

Function:

Does not have a catalytic activity.

Tissue Specificity:

Strong expression in brain and central nervous system.

Similarity:

Belongs to the alpha-carbonic anhydrase family.

SWISS:

Q9NS85

Gene ID:

56934

Database links:

[Entrez Gene: 56934](#) Human

[Omim: 604642](#) Human

[SwissProt: Q9NS85](#) Human

[Unigene: 463466](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.