



## Rabbit Anti-CA10 antibody

SL6024R

<b>Product Name:</b>	CA10
<b>Chinese Name:</b>	碳酸酐酶相关蛋白/脑蛋白10抗体
<b>Alias:</b>	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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	36kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membraneExtracellular matrix
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CARPX/CA10:141-240/328
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.