

CA2 polyclonal antibody

Catalog # PAB28069 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against native CA2.
Immunogen	Native purified CA2 from human erythrocytes.
Host	Rabbit
Reactivity	Human
Form	Lyophilized
Isotype	IgG
Quality Control Testing	Antibody Reactive Against Native Purified Protein.
Recommend Usage	ELISA (1:165000) Western Blot (1:2000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 20 mM potassium phosphate buffer, 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with 0.1 mL of deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay

Gene Info — CA2

Entrez GeneID	760
Gene Name	CA2
Gene Alias	CA-II, CAII, Car2
Gene Description	carbonic anhydrase II
Omim ID	259730 611492
Gene Ontology	Hyperlink
Gene Summary	CA2 is one of several (at least 7) isozymes of carbonic anhydrase. Carbonic anhydrase catalyzes reversible hydration of carbon dioxide. Defects in this enzyme are associated with osteopetrosis and renal tubular acidosis. [provided by RefSeq]
Other Designations	carbonate dehydratase II carbonic anhydrase B carbonic dehydratase

Pathway

- [Nitrogen metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Osteoporosis](#)