

CA4 Polyclonal Antibody

catalog number: **E-AB-10206**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human
Immunogen	Recombinant protein of human CA4
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

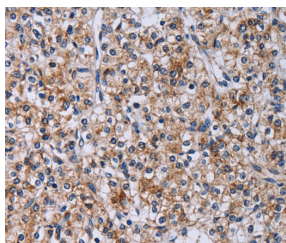
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:25-1:100

Data

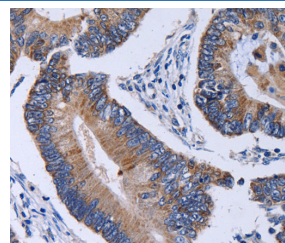


Western Blot analysis of Human normal lung tissue using CA4 Polyclonal Antibody at dilution of 1:300

Calculated-MW:35 kDa



Immunohistochemistry of paraffin-embedded Human prostate cancer using CA4 Polyclonal Antibody at dilution of 1:30



Immunohistochemistry of paraffin-embedded Human colon cancer using CA4 Polyclonal Antibody at dilution of 1:30

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. This gene encodes a glycosylphosphatidyl-inositol-anchored membrane isozyme expressed on the luminal surfaces of pulmonary (and certain other) capillaries and proximal renal tubules. Its exact function is not known; however, it may have a role in inherited renal abnormalities of bicarbonate transport.

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