

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:500-1:2000,
IHC:1:25-1:100

Protein Background:

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.

Gene ID:

CA4

Uniprot

P22748

Synonyms:

carbonic anhydrase IV

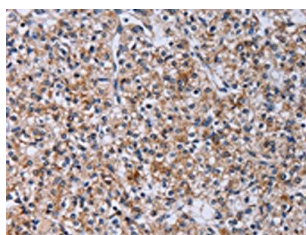
Immunogen:

Fusion protein of human CA4.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

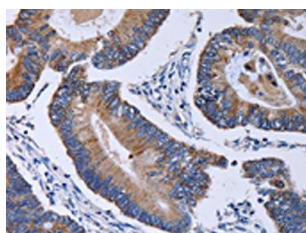
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using PACO14181(CA4 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 8%SDS-PAGE, Lysate: 40 μ g, Lane: Human normal lung tissue, Primary antibody: PACO14181(CA4 Antibody) at dilution 1/300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 40 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using PACO14181(CA4 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).