

CA13 polyclonal antibody

Catalog: BS61599

Host: Rabbit

Reactivity: Human

BackGround:

Carbonic anhydrases (CAs) are members of a large family of zinc metalloenzymes responsible for catalyzing the reversible hydration of carbon dioxide. CAs show extensive diversity in their distribution and subcellular localization. They are involved in a variety of biological processes, including calcification, bone resorption, respiration, acid-base balance and the formation of aqueous humor, saliva, gastric juice and cerebrospinal fluid. CA XIII, also referred to as carbonate dehydratase XIII, is predominantly expressed in spleen, prostate, thymus, ovary, testis, colon and small intestine localizing to the cytoplasm. It exhibits highest homology with family members CA I, CA II and CA III. CA XIII may play a role in embryogenesis. Efficient inhibitors of CA XIII activity are sulfanilyl-sulfonamide type inhibitors.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 36 kDa

Swiss-Prot:

Q8N1Q1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 104% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

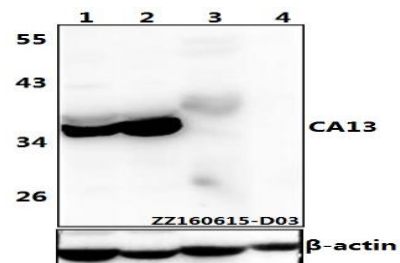
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CA13 polyclonal antibody detects endogenous levels of CA13 protein.

DATA:



Western blot (WB) analysis of CA13 polyclonal antibody at 1:500 dilution

Lane1:DLD whole cell lysate(40ug)

Lane2:HCT-116 whole cell lysate(40ug)

Lane3:The intestines tissue lysate of Mouse(40ug)

Lane4:The intestines tissue lysate of Rat(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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