

CA IX (D82) polyclonal antibody

Catalog: BS2975

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

CAs are involved 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 juice. They show extensive diversity in distribution and in their sub-cellular localization. The human CA9, CA12 and CA14 genes, which map to chromosomes 9p13.3, 15q22 and 1q21, respectively, encode transmembrane proteins that have unique patterns of tissue-specific expression. CA IX is specifically expressed in clear-cell renal carcinomas, whereas CA XII is highly expressed in normal tissues, such as kidney, colon and pancreas.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 50 kDa

Swiss-Prot:

Q16790

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

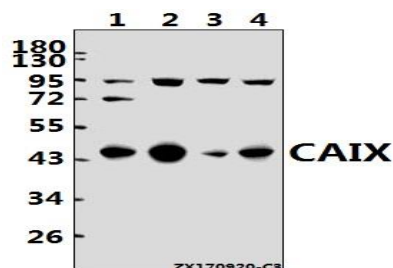
Storage&Stability:

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

Specificity:

CA IX (D82) polyclonal antibody detects endogenous levels of CA IX protein.

DATA:



Western blot (WB) analysis of CA IX (D82) pAb at 1:500 dilution

Lane1: C6 whole cell lysate (40ug)

Lane2: CT26 whole cell lysate (40ug)

Lane3: PC3 whole cell lysate (40ug)

Lane4: Hela whole cell lysate (40ug)

Note:

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

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