

PRODUCT DATA SHEET

Bioworld Technology,Inc.

CA6 polyclonal antibody

Catalog: BS5637 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

Carbonic anhydrase VI (CA VI) contributes to taste function when secreted in the saliva by protecting taste receptor cells (TRCs) from apoptosis. Functional CA VI exists as a single polypeptide chain tightly bound to one molecule of zinc, and containing two N-linked glycosylation sites. Decreased CA VI secretion correlates with loss of taste (hypogeusia) and smell (hyposmia) or distorted taste (dysgeusia) and smell (dysosmia), and altered taste bud morphology. Addition of zinc to individuals experiencing these symptoms restored secretion of CA VI to normal levels and normal taste bud morphology in some, but not all, cases, indicating two different mechanisms leading to CA VI dysfunction.

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

- ~ 37 kDa (glycosylated)
- ~ 33 kDa (deglycosylated)

Swiss-Prot:

P23280

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 ICC: 1:50~1:200

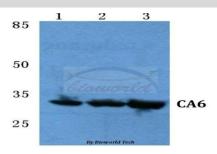
Storage&Stability:

Store at $4 \, \mathbb{C}$ short term. Aliquot and store at $-20 \, \mathbb{C}$ long term. Avoid freeze-thaw cycles.

Specificity:

CA6 polyclonal antibody detects endogenous levels of Carbonic anhydrase 6 protein.

DATA:



Western blot (WB) analysis of CA6 polyclonal antibody at 1:500 dilu-

tion

Lane1:HEK293T cell lysate

Lane2:sp2/0 cell lysate

Lane3:H9C2 cell lysate

Note:

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

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