

PKA II β reg (T109) polyclonal antibody

Catalog: BS3253

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The second messenger cyclic AMP (cAMP) mediates diverse cellular responses to external signals such as proliferation, ion transport, regulation of metabolism and gene transcription by activation of the cAMP-dependent protein kinase (cAPK or PKA). Activation of PKA occurs when cAMP binds to the two regulatory subunits of the tetrameric PKA holoenzyme resulting in release of active catalytic subunits. Three catalytic (C) subunits have been identified, designated C α , C β and C γ , that each represent specific gene products. C α and C β are closely related (93% amino acid sequence similarity), whereas C γ displays 83% and 79% similarity to C α and C β , respectively.

Product:

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

Molecular Weight:

~ 46 kDa

Swiss-Prot:

P31323

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

IHC: 1:50~1:200

Storage&Stability:

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

Specificity:

PKA II β reg (T109) polyclonal antibody detects endoge-

nous levels of PKA II β reg protein.

DATA:



Western blot (WB) analysis of PKA II β reg (T109) polyclonal antibody at 1:500 dilution

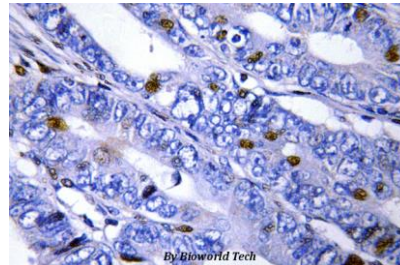
Lane1: HEK293T whole cell lysate

Lane2: Raw264.7 whole cell lysate

Lane3: H9C2 whole cell lysate

Lane4: A549 whole cell lysate

Lane5: sp2/0 whole cell lysate



Immunohistochemistry (IHC) analyzes of PKA II β reg (T109) pAb in paraffin-embedded human cervix carcinoma tissue.

Note:

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

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