

Rsk-4 (Q688) polyclonal antibody

Catalog: BS2507

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The family of ribosomal S6 kinases (Rsk), designated Rsk-1 (MAPKAP kinase-1), Rsk-2 and Rsk-3, are intracellular serine/threonine kinases that are important signaling intermediates in response to a broad range of ligand activated receptor tyrosine kinases. A unique feature common to the members of the Rsk family is that each possesses two non-identical complete kinase catalytic domains. An additional Rsk protein, Rsk-4, shows a high level of homology to the three previously isolated members of the human Rsk family. Rsk-4 is most abundantly expressed in brain and kidney and plays a role in normal neuronal development. The 70 kDa family of ribosomal S6 kinases includes p70 S6 kinase and p70 S6 kinase β , which are thought to have similar regulatory functions. MSK1 (also designated RLPK) is a novel Rsk related protein, which, like the p90 Rsk family members, contains two non-identical complete kinase catalytic domains.

Product:

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

Molecular Weight:

~ 84 kDa

Swiss-Prot:

Q9UK32

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

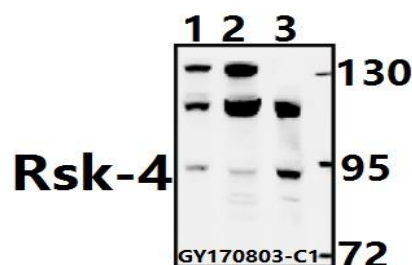
Storage&Stability:

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

Specificity:

Rsk-4 (Q688) polyclonal antibody detects endogenous levels of Rsk-4 protein.

DATA:

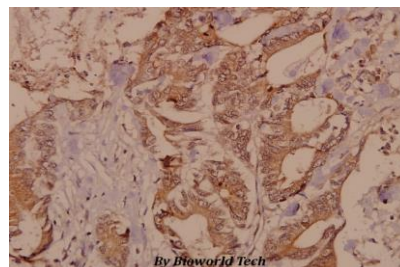


Western blot (WB) analysis of Rsk-4 (Q688) pAb at 1:500 dilution

Lane1:U-87MG whole cell lysate(40ug)

Lane2:PC3 whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Rsk-4 (Q688) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

Note:

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

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