

RPS27 polyclonal antibody

Catalog: BS60087

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S27E family of ribosomal proteins. It contains a C4-type zinc finger domain that can bind to zinc. The encoded protein has been shown to be able to bind to nucleic acid. It is located in the cytoplasm as a ribosomal component, but it has also been detected in the nucleus. Studies in rat indicate that ribosomal protein S27 is located near ribosomal protein S18 in the 40S subunit and is covalently linked to translation initiation factor eIF3. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Product:

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

Molecular Weight:

~ 18 kDa

Swiss-Prot:

P42677

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

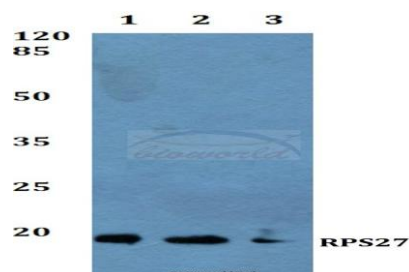
Storage&Stability:

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

Specificity:

RPS27 polyclonal antibody detects endogenous levels of RPS27 protein.

DATA:



Western blot (WB) analysis of RPS27 polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate

Lane2:NIH-3T3 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

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

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