RPS17 polyclonal antibody

Catalog: BS60086 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Ribosomes, the organelles that catalyze protein synthesis, are composed of a small subunit (40S) and a large subunit (60S) that consist of over 80 distinct ribosomal proteins. Mammalian ribosomal proteins are encoded by multigene families that contain processed pseudogenes and one functional intron-containing gene within their coding regions. Ribosomal Protein S17, also known as RPS17, RPS17L1 or RPS17L2, is a 135 amino acid protein that is a component of the 40S subunit. Localized to the cytoplasm and expressed ubiquitously, Ribosomal Protein S17 belongs to the S17e family of ribosomal proteins and functions in protein synthesis. Mutations in the gene encoding Ribosomal Protein S17 are associated with Diamond-Blackfan anemia (DBA), a rare congenital disorder characterized by defective differentiation of pro-erythroblasts. Like most ribosomal proteins, Ribosomal Protein S17 exists as multiple processed pseudogenes that are scattered throughout the genome.

Product:

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

Molecular Weight:

~ 16 kDa

Swiss-Prot:

P08708

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

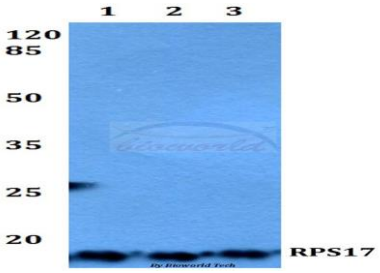
Storage&Stability:

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

Specificity:

RPS17 polyclonal antibody detects endogenous levels of RPS17 protein.

DATA:



Western blot (WB) analysis of RPS17 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Mouse lung tissue lysate

Lane3:Rat lung tissue lysate

Note:

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

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