

RPL27A (V140) polyclonal antibody

Catalog: BS3049

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 L27, also known as RPL27, is a 136 amino acid protein belonging to the ribosomal protein L27e family exists as a component of the 60S subunit, possibly playing a role in protein translation. Like most ribosomal proteins, Ribosomal Protein L27 exists as multiple processed pseudogenes that are scattered throughout the genome. Considered a novel candidate housekeeping gene, the gene encoding Ribosomal Protein L27 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes.

Product:

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

Molecular Weight:

~ 17 kDa

Swiss-Prot:

P46776

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:

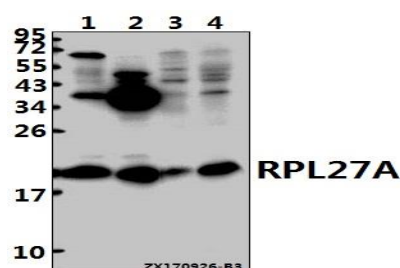
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

Ribosomal Protein L27A (V140) polyclonal antibody detects endogenous levels of Ribosomal Protein L27A protein.

DATA:



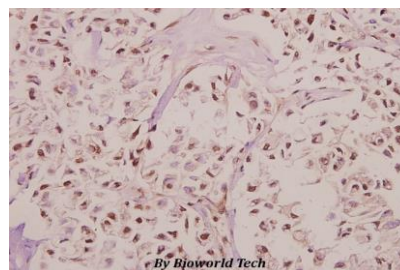
Western blot (WB) analysis of RPL27A (V140) pAb at 1:500 dilution

Lane1:Hela whole cell lysate(40ug)

Lane2:MCF-7 whole cell lysate(40ug)

Lane3:The Brain tissue lysate of Mouse(40ug)

Lane4:The Brain tissue lysate of Rat(40ug)



Immunohistochemistry (IHC) analyzes of RPL27A (V140) 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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