RPS20 (K67) polyclonal antibody

Catalog: BCP01469 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Mammalian ribosomal proteins are encoded by multigene families that consist of processed pseudogenes and one functional intron-containing gene within their coding regions. Ribosomal Protein S20, also known as RPS20, is a 119 amino acid cytoplasmic protein that is a component of the 40S ribosomal subunit. Co-transcribed with the small nucleolar RNA gene U54, Ribosomal Protein S20 is a primary binding protein (it binds independently to its target protein) that interacts with both the 5' and 3' minor domains of 16S ribosomal RNA (rRNA). Through its interactions with 16S rRNA, Ribosomal Protein S20 is thought to play a key role in nucleating the assembly of the 30S ribosomal subunit. Like most ribosomal protein-coding genes, the gene encoding Ribosomal Protein S20 is dispersed throughout the genome and exists as multiple processed pseudogenes.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 13 kDa

Swiss-Prot:

P60866

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

IF: 1:50~1:200

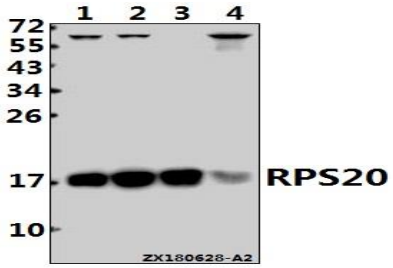
Storage&Stability:

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

Specificity:

Ribosomal Protein S20 (K67) polyclonal antibody detects endogenous levels of Ribosomal Protein S20 protein.

DATA:



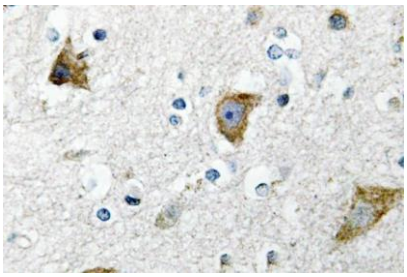
Western blot (WB) analysis of RPS20 (K67) pAb at 1:500 dilution

Lane1:MCF-7 whole cell lysate(20ug)

Lane2:SGC7901 whole cell lysate(20ug)

Lane3:The Embryo tissue lysate of Mouse(20ug)

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



Immunohistochemistry (IHC) analyzes of Ribosomal Protein S20 (K67) pAb in paraffin-embedded human brain tissue.

Note:

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

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