

## RPL18 (H151) polyclonal antibody

Catalog: BCP01457

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 member of the L18E family of ribosomal proteins that is a component of the 60S subunit. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

### Product:

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

### Molecular Weight:

~ 22 kDa

### Swiss-Prot:

Q07020

### 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

IP: 1:10~1:100

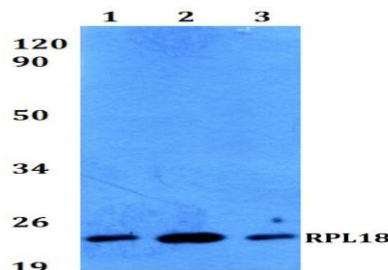
### Storage&Stability:

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

### Specificity:

Ribosomal Protein L18 (H151) polyclonal antibody detects endogenous levels of Ribosomal Protein L18 protein.

### DATA:



Western blot (WB) analysis of RPL18 (H151) pAb at 1:500 dilution

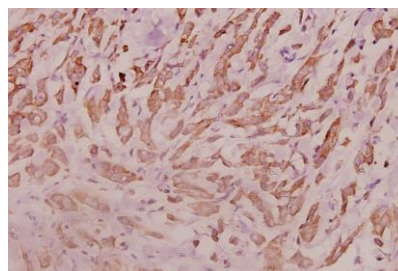
Lane1:HepG2 whole cell lysate(20ug)

Lane2:PC3 whole cell lysate(20ug)

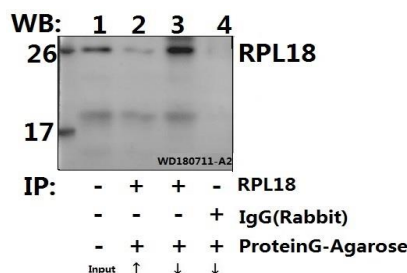
Lane3:HEK293T whole cell lysate(10ug)

Lane4:The Lung tissue lysate of Rat(10ug)

Lane5:The Kidney tissue lysate of Mouse(40ug)



Immunohistochemistry (IHC) analyzes of RPL18 (H151) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.



Immunoprecipitation of HEK293T cell lysate using RPL18 (H151) pAb (Sephacryl S4B Sepharose Bead Conjugate) #BD0048(lane 2 and lane 3) and Nonspecific IgG Control (Sephacryl S4B Sepharose Bead Conjugate)#BD0048 (lane 4) .Lane 1 is 30% input. The western blot was probed using RPL18 (H151). “↑” (supernatant) ; “↓”(deposition)

### Note:

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