

## RPS3 Rabbit monoclonal antibody

Catalog: BS40166

Host: Rabbit

Reactivity: Human Mouse Rat

### BackGround:

Involved in translation as a component of the 40S small ribosomal subunit. Has endonuclease activity and plays a role in repair of damaged DNA. Cleaves phosphodiester bonds of DNAs containing altered bases with broad specificity and cleaves supercoiled DNA more efficiently than relaxed DNA. Displays high binding affinity for 7,8-dihydro-8-oxoguanine (8-oxoG), a common DNA lesion caused by reactive oxygen species (ROS). Has also been shown to bind with similar affinity to intact and damaged DNA.

### Product:

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

### Molecular Weight:

27kDa

### Swiss-Prot:

P23396

### Purification&Purity:

Affinity-chromatography

### Applications:

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200

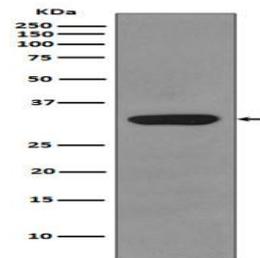
### Storage&Stability:

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

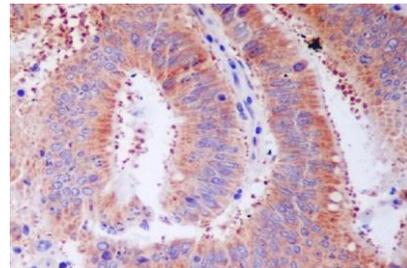
### Specificity:

RPS3 Antibody detects endogenous levels of total RPS3

### DATA:



Western blot analysis of RPS3 expression in HepG2 cell lysate.



Immunohistochemical analysis of paraffin-embedded human colon cancer, using RPS3 Antibody.

### Note:

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

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