

## SMG1 polyclonal antibody

Catalog: BS78126

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

This gene encodes a protein involved in non-sense-mediated mRNA decay (NMD) as part of the mRNA surveillance complex. The protein has kinase activity and is thought to function in NMD by phosphorylating the regulator of nonsense transcripts 1 protein. Alternatively spliced transcript variants have been described, but their full-length nature has yet to be determined.

### Product:

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

### Molecular Weight:

Refer to figures

### Swiss-Prot:

Q96Q15

### 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:

IF/ICC, 1:50 - 1:200

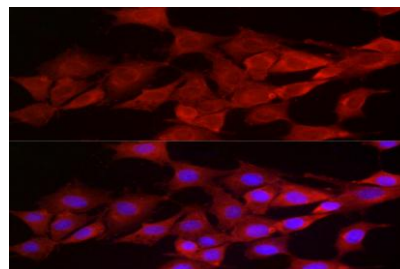
### Storage&Stability:

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

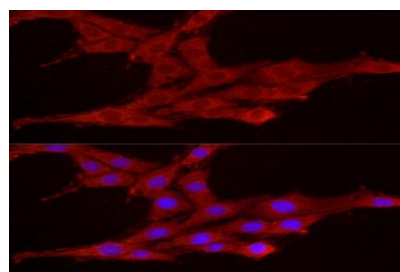
### Modification:

Unmodification

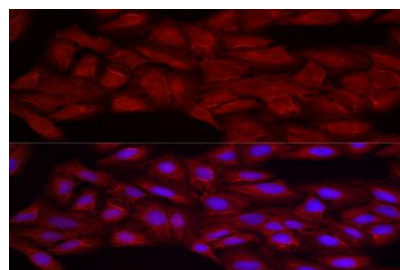
### DATA:



Immunofluorescence analysis of NIH/3T3 cells using SMG1 Rabbit pAb at dilution of 1:200 . Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using SMG1 Rabbit pAb at dilution of 1:200 . Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using SMG1 Rabbit pAb at dilution of 1:200 . Blue: DAPI for nuclear staining.

### Note:

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

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