



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SMG8 polyclonal antibody

Catalog: BS35036

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Nonsense-mediated mRNA decay factor SMG8: Involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons. Is recruited by release factors to stalled ribosomes together with SMG1 and SMG9 (forming the SMG1C protein kinase complex) and, in the SMG1C complex, is required to mediate the recruitment of SMG1 to the ribosome:SURF complex and to suppress SMG1 kinase activity until the ribosome:SURF complex locates the exon junction complex (EJC). Acts as a regulator of kinase activity

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~110 kDa

Swiss-Prot:

Q8ND04

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

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

Specificity:

Recognizes endogenous levels of SMG8 protein

DATA:

Western blot analysis of p53 (MonoMethyl-K370) expression in HEK293T (A), COLO205 (B) whole cell lysates.

Note:

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

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