

## Anti-SMG-1(PI-3-kinase-related kinase SMG-1 isoform 1) Polyclonal Antibody

Cat. #: 60B320

### Description:

SMG-1(PI-3-kinase-related kinase SMG-1 isoform 1) is involved in nonsense-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.

### Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human SMG-1(PI-3-kinase-related kinase SMG-1 isoform 1)

### References

Yamashita,A., et al, Genes Dev. 15 (17), 2215-2228 (2001)  
Denning,G., et al, J. Biol. Chem. 276 (25), 22709-22714 (2001)  
Diaz-Meco,M.T., et al, Mol. Cell. Biol. 16 (1), 105-114 (1996)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20oC

### Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

### Preparation:

Purified by antigen-specific affinity chromatography.

### Applications :

ELISA

Western Blotting (1 µg/ml for 2hrs)