

# SMG7 Rabbit pAb

货号: **AYP18476**

## 产品信息

|       |  |
|-------|--|
| 反应    | Human,Mouse,Rat  |
| 宿主    | Rabbit   |
| 克隆性   | Polyclonal   |
| 预测反应  |  |
| 应用    | <a href="#">WB</a>   |
| 推荐浓度  | <b>WB:</b> 1:200 - 1:2000  |
| 理论分子量 | 122kDa/127kDa/131kDa   |
| 实测分子量 | 127kDa   |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated   |
| 阳性对照  | Jurkat,Mouse testis  |
| 细胞定位  | Cytoplasm,Nucleus  |
| 纯化    | Affinity purification  |

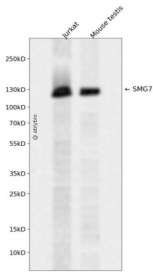
## 抗原信息

|      |   |
|------|---|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human SMG7 ( NP_963863.2).   |
| 序列   | MSLQSAQYLRQAEVLKADMTDSKLGPAEVWTSRQALQDLYQKMLVTDLEYALDKKVEQDLWNHAFKNQITTLQGQAKN<br>RANPNRSEVQANLSLFLEAASGFYTQLLQELCTVFNVLDLPCRVKSSQLGIISNKQHTHTSAIVKPQSSSCSYICQHCLVHLGDI<br>ARYRNQTSQAESYYRHAAQLVPSNGQPYNQLAILASSKGDHLTTIFYCRSIAVKFPFPAASTNLQKALSKALESRDEVKTK<br>WGVSDFIKAFIKFHGHVYLSKSLEKLSPLREKLEEQFKRLLFQKAFNSQQLVHVTVI |

## 靶点信息

|       |   |
|-------|---|
| 研究背景  | This gene encodes a protein that is essential for nonsense-mediated mRNA decay (NMD); a process whereby transcripts with premature termination codons are targeted for rapid degradation by a mRNA decay complex. The mRNA decay complex consists, in part, of this protein along with proteins SMG5 and UPF1. The N-terminal domain of this protein is thought to mediate its association with SMG5 or UPF1 while the C-terminal domain interacts with the mRNA decay complex. This protein may therefore couple changes in UPF1 phosphorylation state to the degradation of NMD-candidate transcripts. Alternative splicing results in multiple transcript variants encoding distinct isoforms. |
| 基因ID  | 9887  |
| 基因名   | SMG7  |
| Swiss | Q92540  |
| 别名    | SMG7;C1orf16;EST1C;SGA56M   |

## 产品验证



Western blot analysis of SMG7 expressed in Jurkat, Mouse testis using SMG7 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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