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NSMCE1 Rabbit pAb

货号: **AYP18084**

产品信息

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| 反应 | Human,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB |
| 推荐浓度 | WB: 1:500 - 1:2000 |
| 理论分子量 | 30kDa |
| 实测分子量 | 31kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | BxPC-3,Rat testis |
| 细胞定位 | Chromosome,Nucleus,telomere |
| 纯化 | Affinity purification |

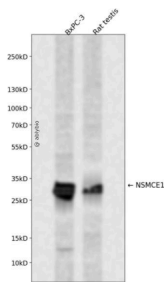
抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 7-266 of human NSMCE 1 (NP_659547.2). |
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靶点信息

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| 研究背景 | RING-type zinc finger-containing E3 ubiquitin ligase that assembles with melanoma antigen protein (MAGE E to catalyze the direct transfer of ubiquitin from E2 ubiquitin-conjugating enzyme to a specific substrate. Within MAGE-RING ubiquitin ligase complex, MAGE stimulates and specifies ubiquitin ligase activity likely through recruitment and/or stabilization of the E2 ubiquitin-conjugating enzyme at the E3:substrate complex. Involved in maintenance of genome integrity, DNA damage response and DNA repair. NSMCE3/MAGE G1 and NSMCE1 ubiquitin ligase are components of SMC5-SMC6 complex and may positively regulate homologous recombination-mediated DNA repair. MAGEF1-NSMCE1 ubiquitin ligase promotes proteasomal degradation of MMS19, a key component of the cytosolic iron-sulfur protein assembly (CIA machinery. Down-regulation of MMS19 impairs the activity of several DNA repair and metabolism enzymes such as ERCC 2/XPD, FANCD1, RTEL1 and POLD1 that require iron-sulfur clusters as cofactors. |
| 基因ID | 197370 |
| 基因名 | NSMCE1 |
| Swiss | Q8WV22 (https://www.uniprot.org/uniprotkb/Q8WV22/entry) |
| 别名 | NSMCE1,NSE1,NSE1 homolog,NSMCE1 Rabbit pAb |

产品验证



Western blot analysis of NSMCE1 expressed in BxPC-3,Rat testis using NSMCE1 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

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/www.ablybio.cn>)