SunLong Biotech Co.,LTD
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# Rabbit Anti-Phospho-Histone H3 (Thr3)antibody

SL60069R

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| **Product Name** | Phospho-Histone H3 (Thr3) |
| **Chinese Name** | |
| **Product Type** | Phosphorylated anti |
| **Immunogen Species** | Rabbit |
| **Clonality** | Polyclonal |
| **React Species** | Human,Mouse,Rat |
| **Applications** | WB=1:500-2000,IP=1:20-100<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Cellular localization** | The nucleus |
| **Form** | Liquid |
| **Concentration** | 1mg/ml |
| **Lsotype** | IgG |
| **Purification** | Antigen affinity purification |
| **Buffer Solution** | 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. |
| **Storage** | Shipped at 4℃. Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. |
| **Attention** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **PubMed** | PubMed |
| **Product Detail** | 组蛋白翻译后修饰（PTMs）是 Epigenetics 调控染色质结构的关键机制，被称为“组蛋白密码”。组蛋白上的翻译后修饰包括乙酰化，甲基化，磷酸化和近年发现的一些新型酰化修饰。这些组蛋白修饰直接影响染色质和转录因子或其他表观调控子的结合，改变基因组的稳定性和基因转录等。组蛋白磷酸化通常发生在核心组蛋白 N 端的丝氨酸，苏氨酸或酪氨酸上，在 DNA 修复，转录和染色质折叠等方面起着重要作用。广为人知的组蛋白磷酸化位点为 H2A.xS139ph，有文献报道此位点与 DNA 损 |

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伤相关。组蛋白磷酸化主要参与有丝分裂和减数分裂过程。参与调控磷酸化水平的激酶与磷酸酶多种多样。