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TriMethyl-Histone H3-K27 Rabbit pAb

货号: **AYP10924**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<p>IF: Human embryonic stem cells , Mouse E16.5 neocortex , Goat sperm , HEK293T , Rice , Mus musculus , Gallus gallus , Sus scrofa , Homo sapiens</p> <p>ChIP: A549 , Mouse embryonic stem cells , HeLa , Human , Rice , Gossypium , B. napus , Oryza sativa , Mus musculus , Homo sapiens , Rattus norvegicus , castor bean</p> <p>IHC: Mouse lung tumor , Mus musculus , Homo sapiens , Sus scrofa</p> <p>WB: Mus musculus , Homo sapiens , Drosophila , Rattus norvegicus</p> <p>CHIP: Arabidopsis thaliana , castor bean , Mus musculus , Homo sapiens</p> <p>IP: Gossypium , Arabidopsis , Mus musculus</p> <p>CoIP: N. benthamiana</p> <p>ChiP: Mus musculus</p>
应用	WB IHC IP CHIP
推荐浓度	<p>WB: 1:500 - 1:1000</p> <p>IHC: 1:50 - 1:200</p> <p>IF/ICC: 1:50 - 1:200</p> <p>IP: 1:50 - 1:200</p> <p>ChIP: 1:20 - 1:100</p>
理论分子量	15kDa
实测分子量	17KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7 acid extract,293T acid extract,C2C12 acid extract,NIH/3T3 acid extract,C6 acid extract,H3 protein
细胞定位	Chromosome,Nucleus
纯化	Affinity purification

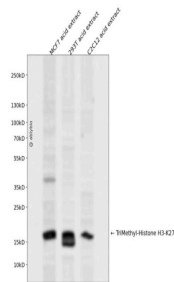
抗原信息

抗原信息	A synthetic trimethylated peptide around K27 of human histone H3 (NP_003520.1).
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靶点信息

研究背景	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.
基因ID	8290
基因名	HIST3H3
Swiss	Q16695 (https://www.uniprot.org/uniprotkb/Q16695/entry)
别名	H3.4,H3/g,H3FT,H3t,HIST3H3,Histone H3,HIST1H3A,TriMethyl-Histone H3-K27 Rabbit pAb,Histone H3.4

产品验证



Western blot analysis of TriMethyl-Histone H3-K27 expressed in MCF7 acid extract, 293T acid extract, C2C12 acid extract using TriMethyl-Histone H3-K27 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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