

产品名称: HistoneH3 Rabbit Monoclonal Antibody
产品货号: AMRe83882



产品概述 (Summary)

产品名称 (Production Name)	HistoneH3 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ICC,FC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	HistoneH3
别名 (Alternative Names)	Histone H3.1, Histone H3, HIST1H3A;;Histone H3
基因 ID (Gene ID)	
蛋白 ID (SwissProt ID)	P68431.A synthesized peptide derived from human Histone H3.1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100
蛋白分子量 (Molecular Weight)	15 kDa

研究背景 (Background)

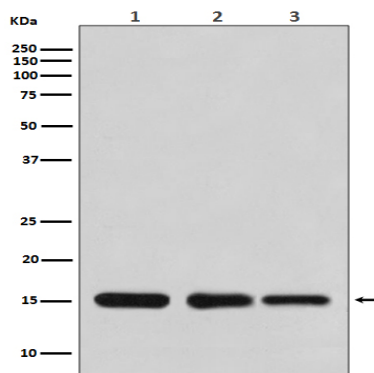
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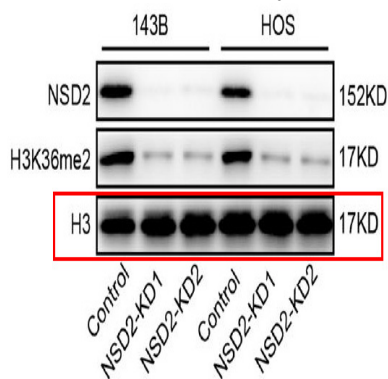
Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

研究领域 (Research Area)

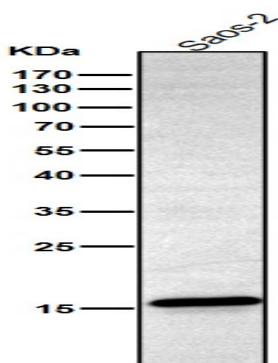
图片 (Image Data)



Western blot analysis of Histone H3 expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate; (3) Rat brain lysate.



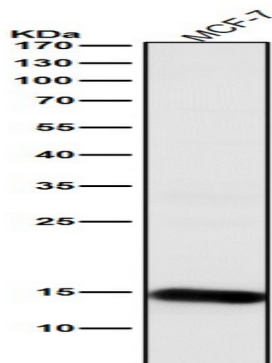
Histone methyltransferase NSD2 regulates apoptosis and chemosensitivity in osteosarcoma. -Cell Death and Disease



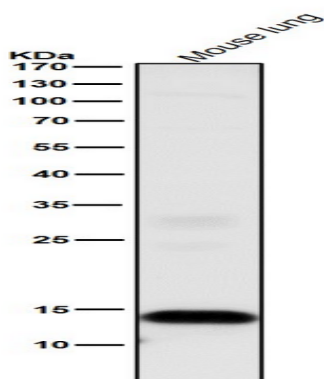
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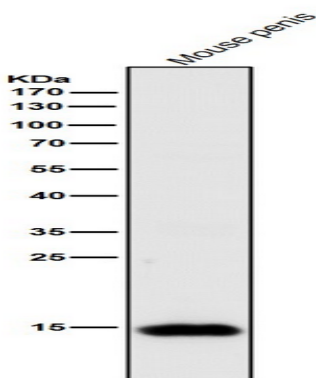
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

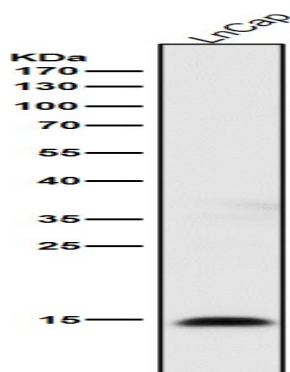


All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

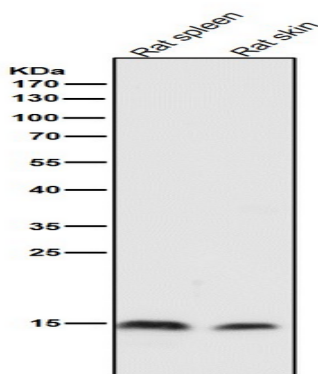


All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

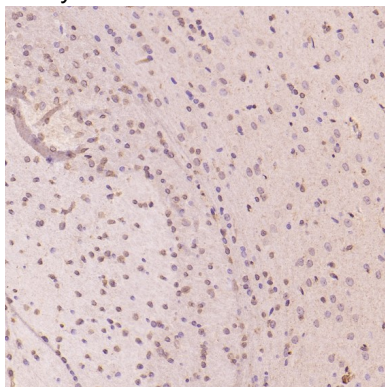
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Immunohistochemical analysis of paraffin-embedded Rat cerebral cortex, using the Antibody at 1:200 dilution.

注意事项 (Note)

For research use only .