

Product Datasheet

H3K18ac Antibody (orb1256501)

Catalog Number	orb1256501
Category	Antibodies
Description	H3K18ac Antibody
Target	H3K18ac
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Mouse, Rat
Form/Appearance	Liquid
Concentration	batch dependent
Buffer/Preservatives	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purification	Affinity purification
Immunogen	A synthetic acetylated peptide corresponding to residues surrounding K18 of human H3
UniProt ID	P68431
MW	Observed: 16kDa
Tested applications	ChIP, IF, IHC, IP, WB

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Application notes WB: 1:1000 - 1:3000 IHC: 1:200 - 1:500 IF: 1:500 - 1:1000 IP: 1:200 - 1:500 CHIP: 1:50 - 1:100 CHIP seq: 1:50 - 1:100

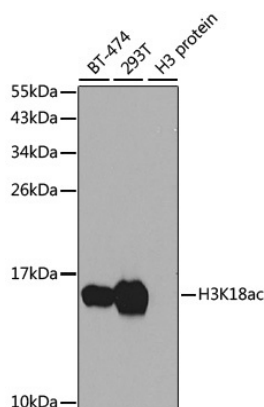
Antibody Type Primary Antibody

Modifications Acetylated

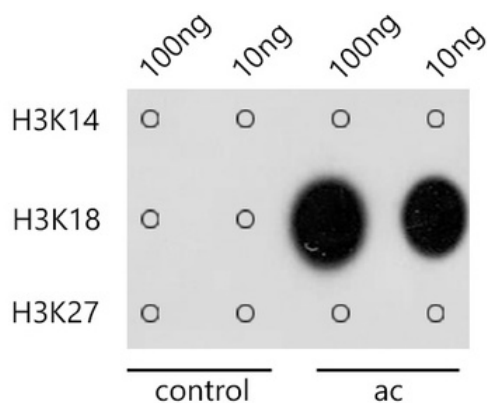
Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note For research use only

Expiration Date 12 months from date of receipt.



Western blot analysis of extracts of various cell lines, using Acetyl-Histone H3-K18 antibody (orb1256501) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Dot-blot analysis of all sorts of methylation peptides using Acetyl-Histone H3-K18 antibody (orb1256501) at 1:1000 dilution.

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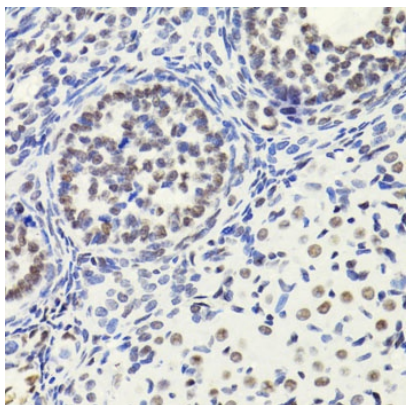
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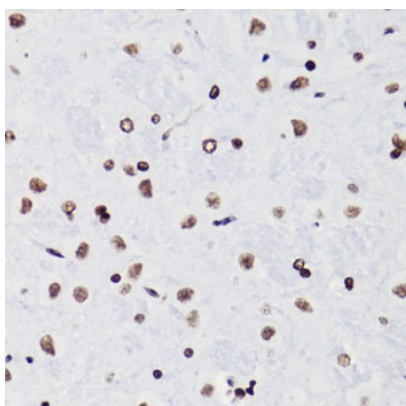
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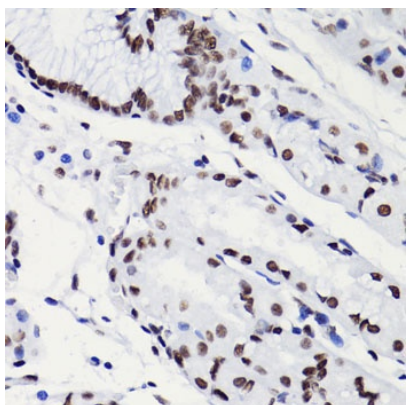
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Immunohistochemistry of paraffin-embedded rat ovary using H3K18ac antibody (orb1256501) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using H3K18ac antibody (orb1256501) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using H3K18ac antibody (orb1256501) at dilution of 1:100 (40x lens).

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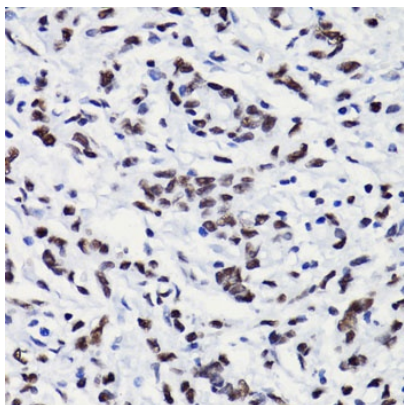
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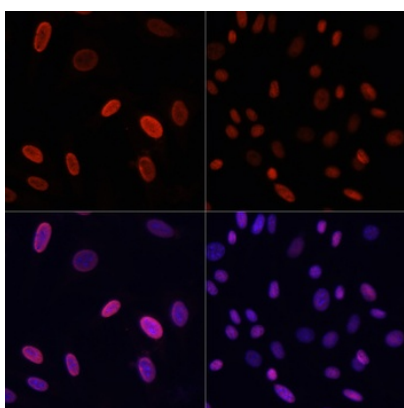
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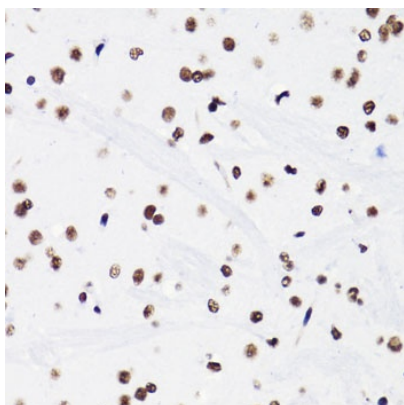
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Immunohistochemistry of paraffin-embedded human gastric cancer using H3K18ac antibody (orb1256501) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse liver using H3K18ac antibody (orb1256501) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using H3K18ac antibody (orb1256501) at dilution of 1:100 (40x lens).

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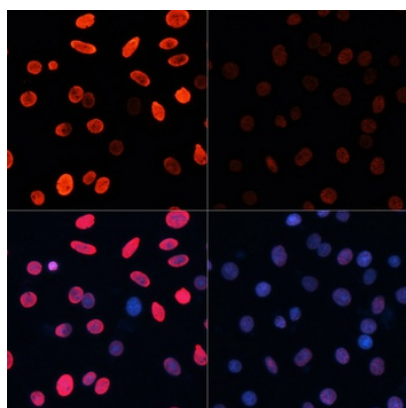
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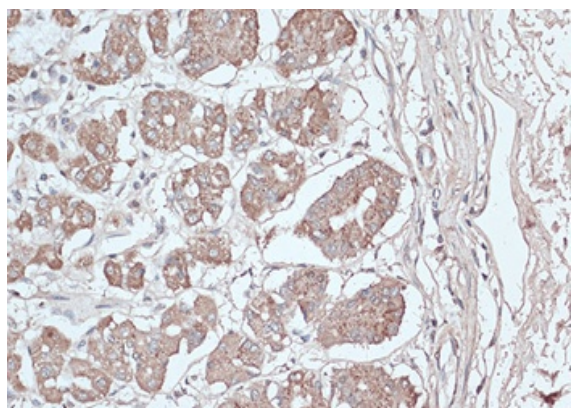
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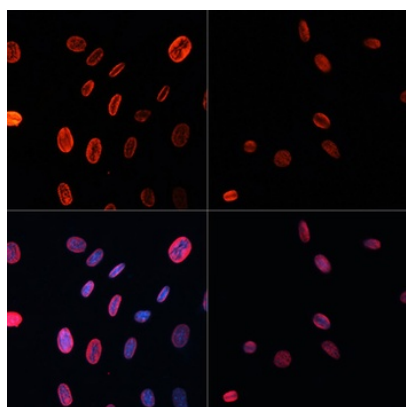
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Immunofluorescence analysis of C6 cells using Acetyl-Histone H3-K18 antibody (orb1256501) at dilution of 1:100. C6 cells were treated by TSA (1 μ M) at 37 °C for 18 hours. Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded human stomach using LC3B antibody (orb1274430) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of NIH/3T3 cells using Acetyl-Histone H3-K18 antibody (orb1256501) at dilution of 1:100. NIH/3T3 cells were treated by TSA (1 μ M) at 37 °C for 18 hours. Blue: DAPI for nuclear staining.

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