

Anti-Tri-Methyl-Histone H3 (Lys27) Antibody (6S37)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Clone:	6S37
Purification:	Affinity-chromatography

Applications

Application:	ICC/IF,IHC,IHC-Fr,IP,WB,ChIP
Recommended	ICC/IF: 1:50-1:200; IHC: 1:100-1:200; IHC-Fr: 1:50-1:200; IP: 1:20-1:50; WB: 1:1000-1:2000; ChIP: 1:20-1:50

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human Histone H3.1 around the methylation site of K28
Synonyms:	Tri-Methyl-Histone H3 (K27);HIST1H3A;H3K27me1;Tri-Me-Histone H3 (Lys27);Histone H3;Tri-Me-H3K27;Histone H3.1;Histone H3K27-TriMethylated

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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