

Anti-Histone H3 (acetyl K27) antibody

Catalog # AP80655

Product Information

Application	WB, IHC-P, FC, ICC, CHIP, E
Primary Accession	P68431
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Calculated MW	15404

Additional Information

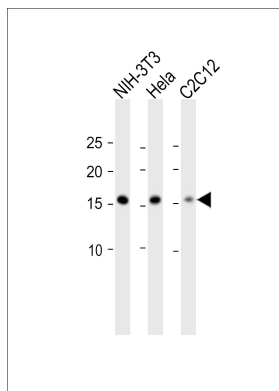
Gene ID	8350;8351;8352;8353;8354;8355;8356;8357;8358;8968
Dilution	WB~~1:4000 IHC-P~~N/A FC~~1:10~50 ICC~~N/A CHIP~~N/A E~~Use at an assay dependent concentration.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-Histone H3 (acetyl K27) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	H3C1 (HGNC:4766)
Synonyms	H3FA, HIST1H3A
Function	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.
Cellular Location	Nucleus. Chromosome.

Images

All lanes: Anti-Anti-Histone H3 (tri methyl K27) at 1:4000 dilution
Lane 1: NIH-3T3 whole cell lysate
Lane 2: Hela



whole cell lysate Lane 3: C2C12 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary: Goat
Anti-Mouse IgG, (H+L), Peroxidase conjugated (ASP1613)
at 1/8000 dilution. Observed band size: 15 KDa
Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.