

MonoMethyl-Histone H3 (Lys79) Rabbit mAb

Catalog # AP78581

Product Information

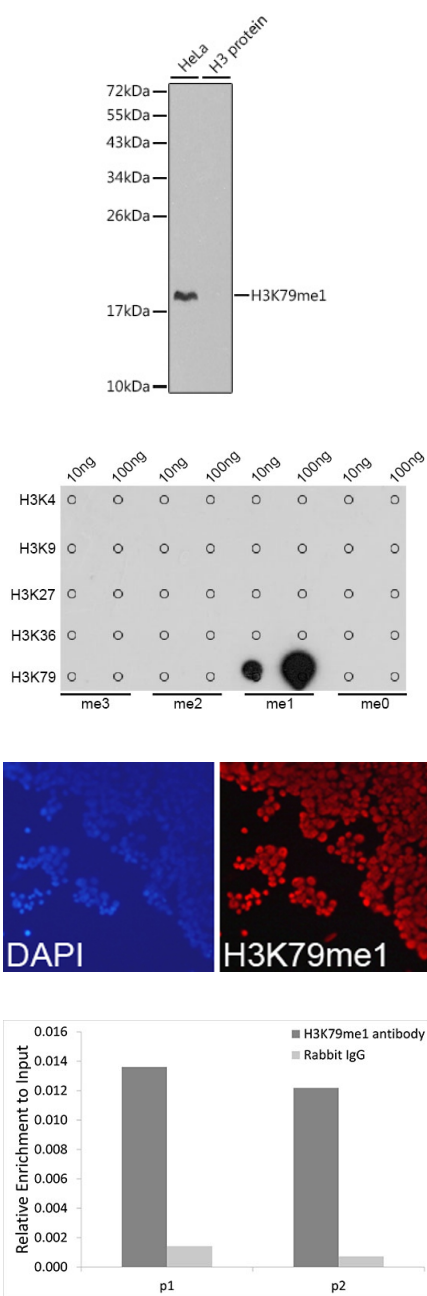
Application	WB, IHC-P, IF, ICC
Primary Accession	Q16695
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthetic methylated peptide corresponding to residues surrounding K79 of human histone H3
Purification	Affinity Purified
Calculated MW	15508

Additional Information

Gene ID	8290
Other Names	H3-4
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 ICC~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	H3-4 (HGNC:4778)
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.
Tissue Location	Expressed in testicular cells.



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