

Histone H3.3C Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56696

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q6NXT2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15214

Additional Information

Gene ID	440093
Other Names	Histone H3.3C, Histone H3.5 {ECO:0000312 HGNC:HGNC:33164}, H3-5 (HGNC:33164)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	H3-5 (HGNC:33164)
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. Hominid-specific H3.5/H3F3C preferentially colocalizes with euchromatin, and it is associated with actively transcribed genes.
Cellular Location	Nucleus. Chromosome.
Tissue Location	Specifically expressed in the seminiferous tubules of testis.

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