

H3f3b Antibody (Center)

Catalog_no :	AB3509
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This H3f3b antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 31-65 amino acids from human H3f3b.
Dilution :	WB,1:2000;
Other_name :	Histone H33, H3f3a, H33a
Isotype :	Rabbit Ig
Background :	Variant histone H3 which replaces conventional H3 in a wide range of nucleosomes in active genes. Constitutes the predominant form of histone H3 in non-dividing cells and is incorporated into chromatin independently of DNA synthesis. Deposited at sites of nucleosomal displacement throughout transcribed genes, suggesting that it represents an epigenetic imprint of transcriptionally active chromatin. 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.
reference :	Hraba-Renevey S.,et al.Nucleic Acids Res. 17:2449-2461(1989). Bramlage B.,et al.Differentiation 62:13-20(1997). Lopez-Alanon D.M.,et al.DNA Cell Biol. 16:639-644(1997). Carninci P.,et al.Science 309:1559-1563(2005). Mancini P.,et al.J. Mol. Evol. 59: