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# anti-H3F3B antibody



#### Overview

Quantity:	100 μg
Target:	H3F3B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

## **Product Details**

Immunogen:	H3 histone, family 3B(H3.3B)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### **Target Details**

Target:	H3F3B
Alternative Name:	H3F3B (H3F3B Products)
Background:	Synonyms:H3.3B 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

### **Target Details**

Molecular Weight:

Gene ID:

UniProt:

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.

17 kDa

3021

#### **Application Details**

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

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### Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months