

## Product datasheet for **TA386894M**

### **H2BC3 Rabbit Polyclonal Antibody**

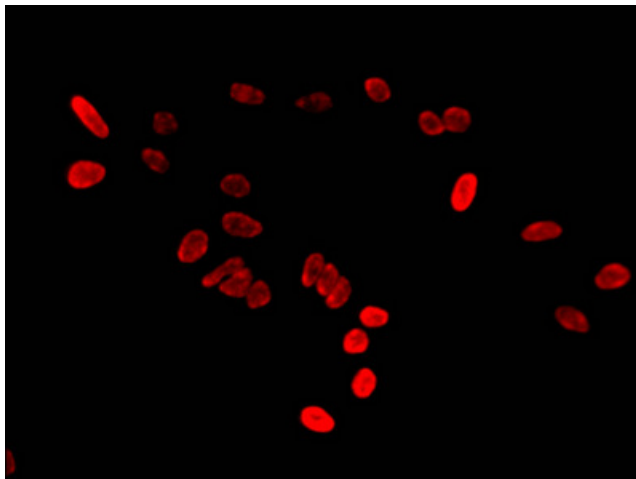
#### **Product data:**

Product Type:	Primary Antibodies
Applications:	ChIP, IF, WB
Recommended Dilution:	Recommended dilution: WB:1:200-1:2000, IF:1:50-1:200
Reactivity:	Mouse, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide sequence around site of Lys (16) derived from Human Histone H2B type 1-B
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Concentration:	lot specific
Purification:	Antigen Affinity Purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	<a href="#">P33778</a>
Background:	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.

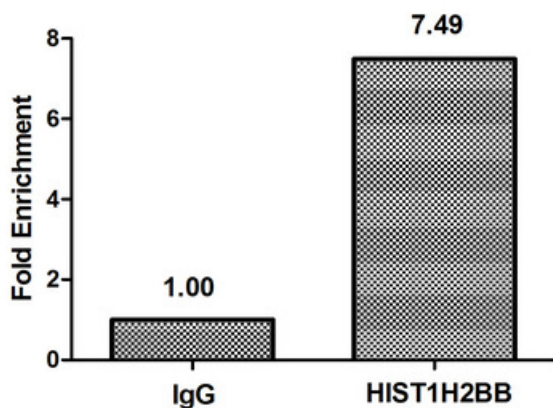


[View online »](#)

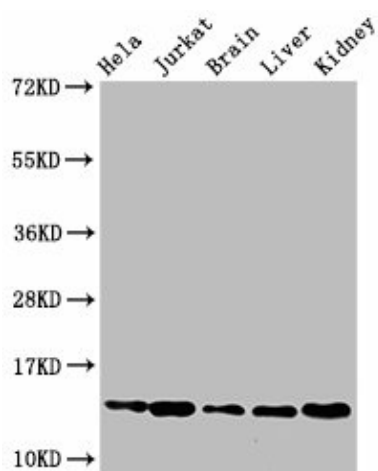
## Product images:



Immunofluorescent analysis of HeLa cells using [TA386894] at dilution of 1:100 and Cy3-conjugated Goat Anti-Rabbit IgG



Chromatin Immunoprecipitation HeLa ( $4 \times 10^6$ ) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with  $8 \mu\text{g}$  anti-HIST1H2BB ([TA386894]) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the  $\beta$ -Globin promoter.



### Western Blot

Positive WB detected in: HeLa cell acid extracts, Jurkat cell acid extracts, Mouse brain tissue, Mouse liver tissue, Mouse kidney tissue

All lanes: HIST1H2BB antibody at 2.5µg/ml

### Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 14 kDa

Observed band size: 14 kDa