

## Product datasheet for **TA301483**

### H3.3B (H3F3B) Rabbit Polyclonal Antibody

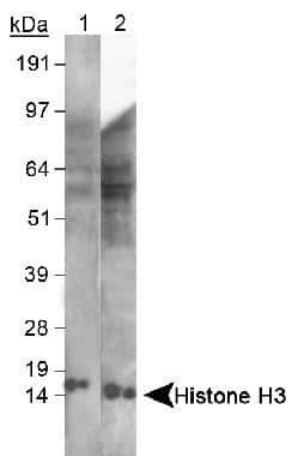
#### Product data:

Product Type:	Primary Antibodies
Applications:	ChIP, WB
Recommended Dilution:	Chromatin Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Western Blot: 1:500-1:1000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Histone H3.
Formulation:	PBS and 0.02% sodium azide
Purification:	IgG purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	H3 histone, family 3B (H3.3B)
Database Link:	<a href="#">NP_005315</a> <a href="#">Entrez Gene 15081 Mouse</a> <a href="#">Entrez Gene 3021 Human</a> <a href="#">P84243</a>
Background:	In diploid eukaryotic cells, the chromatin fibers are about 20nm in diameter. They consist of two major components in equal amounts, DNA and basic proteins called histones. Histones are believed to be regularly arranged in the deep groove of the DNA helix. The recurring positive charges of the histones form electrostatic associations with the negatively charged phosphate groups of DNA making the DNA more stable and flexible. This allows for the supercoiling of the chromatin fibers.
Synonyms:	H3.3B
Protein Pathways:	Systemic lupus erythematosus



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## Product images:



Western Blot: Histone H3 Antibody TA301483 - Detection of Histone H3 in lysates using TA301483. (1) MEF and (2) HeLa. Observed molecular weight is ~15 kDa.