

Cat. No:	ABE1054
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 36-136 of human HIST3H3.
Reactivity:	Human, Mouse, Rat, Other (Wide Range Predicted)
Applications:	<p>Western Blot: 1:2000 - 1:10000</p> <p>Immunohistochemistry (paraffin-embedded tissues): 1:50 - 1:200</p> <p>Immunofluorescence: 1:50 - 1:200</p> <p>Immunocytochemistry: 1:50 - 1:200</p> <p>Immunoprecipitation: 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells</p> <p>ELISA: Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</p> <p>ChIP: 3µg antibody for 5µg-10µg of Chromatin</p>
Molecular Weight:	17kDa
Purification:	Affinity purification
Synonyms:	H3t; H3.4; H3/g; H3FT; H3C16; HIST3H3; Histone H3
Background:	<p>Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.</p>
Form:	Liquid
Buffer:	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

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