

<b>Cat. No:</b>	ABE1054
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 36-136 of human HIST3H3.
<b>Reactivity:</b>	Human,Mouse,Rat,Other (Wide Range Predicted)
<b>Applications:</b>	<b>Western Blot:</b> 1:2000 - 1:10000 <b>Immunohistochemistry (paraffin-embedded tissues):</b> 1:50 - 1:200 <b>Immunofluorescence:</b> 1:50 - 1:200 <b>Immunocytochemistry:</b> 1:50 - 1:200 <b>Immunoprecipitation:</b> 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells <b>ELISA</b> Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. <b>ChIP</b> 3µg antibody for 5µg-10µg of Chromatin
<b>Molecular Weight:</b>	17kDa
<b>Purification:</b>	Affinity purification
<b>Synonyms:</b>	H3t; H3.4; H3/g; H3FT; H3C16; HIST3H3; Histone H3
<b>Background:</b>	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 replicationdependent 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.
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.05% proclin300,50% glycerol,pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.

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