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anti-Histone Cluster 3, H3 (HIST3H3) (AA 1-30) antibody





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Quantity:	0.4 mL
Target:	Histone Cluster 3, H3 (HIST3H3)
Binding Specificity:	AA 1-30
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA, Western Blotting (WB)
Product Details	

Immunogen:	A portion of amino acids 1-30 from human HISTH3H was used as the immunogen for this HIST3H3 antibody.
Isotype:	lg Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Bovine, Pig, Chicken, Zebrafish, Xenopus, Drosophila, C. elegans
Purification:	Antigen affinity purified

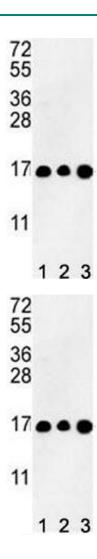
Target Details

Target:	Histone Cluster 3, H3 (HIST3H3)
Alternative Name:	HIST3H3 (Histone H3.1t) (HIST3H3 Products)

Target Details

Background:	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 member of the histone H3 family. Transcripts from this gene lack polyA tails, instead, they contain a palindromic termination element.
UniProt:	Q16695
Application Details	
Application Notes:	Titration of the Histone HIST3H3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
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:	Aliquot the Histone HIST3H3 antibody and store frozen at -20°C or colder. Avoid repeated

freeze-thaw cycles.



Western Blotting

Image 1. Western blot analysis of HIST3H3 antibody and (1) CEM, (2) K562, and (3) HL-60 lysate

Western Blotting

Image 2. Western blot analysis of HIST3H3 antibody and (1) CEM, (2) K562, and (3) HL-60 lysate