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[Primary Antibody]

Rabbit Anti-Histone H3 (NT)antibody

Catalog Number: SLM-60350R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	E10D1
Target:	Histone H3 (NT)
Purification:	Affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-1000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:50-200) ChIP (6 μg/5x106 cells) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Subcellular Location:	The nucleus
Background:	Nucleosomes are composed of four core histones (H2A, H2B, H3, and H4) and are the main component of chromatin. Nucleosomes wrap and compact DNA into chromatin, restricting DNA access to cellular machinery. H3 has a major globular domain and a long N-terminal tail, which is related to the 'bead-like' structure of nucleosomes. Histones are highly post-translationally modified, and histone H3 is the most extensively modified among the five histones. It is an important protein in the emerging field of Epigenetics, and its sequence variations and mutations occur in Epigenetics.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.