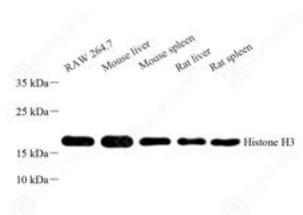


Product name:	Anti-Histone H3 Rabbit Polyclonal Antibody
Cat number:	ABS11102
Conjugate:	unconjugated
Size:	100 µL
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant protein corresponding to Mouse Histone H3.1
Reactivity:	Species, Human, Mouse, Rat
Applications:	Western Blot: 1: 300-1: 1000 Immunohistochemistry: 1: 1000-1: 2000 Immunofluorescence: 1: 1000-1: 2000
Purification:	Affinity purification
Form:	Liquid
Buffer:	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.
Storage:	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Synonyms:	H3/n, H3/o, H3F2, H3FM, HIST2H3A, HIST2H3C, HIST2H3D, histone cluster 2, H3a, Histone H3, Histone H3.2, Histone H3/m, Histone H3/o, HIST1H3A
Background:	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

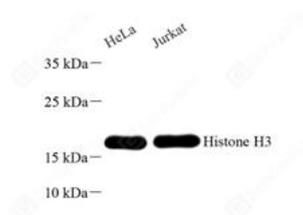
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Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



WB analysis of Histone H3. Sample:
Protein treated by RIPA Lysis Buffer
.Blocking buffer: 3% Nonfat dry milk in
TBST, RT, 1h. Primary antibody: 1: 300,
4°C overnight. Secondary antibody:
HRP conjugated Goat Anti-Rabbit IgG ,
1: 5000, RT, 1h.



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