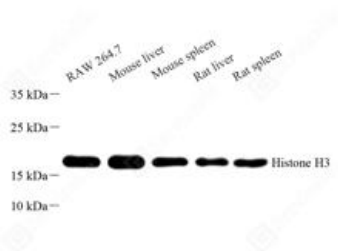


<b>Product name:</b>	Anti-Histone H3 Rabbit Polyclonal Antibody
<b>Cat number:</b>	ABS11102
<b>Conjugate:</b>	unconjugated
<b>Size:</b>	100 µL
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant protein corresponding to Mouse Histone H3.1
<b>Reactivity:</b>	Species, Human, Mouse, Rat
<b>Applications:</b>	Western Blot: 1: 300-1: 1000 Immunohistochemistry: 1: 1000-1: 2000 Immunofluorescence: 1: 1000-1: 2000
<b>Purification:</b>	Affinity purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.
<b>Storage:</b>	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
<b>Background:</b>	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.



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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