

H2A Rabbit Polyclonal Antibody

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Cat#: 3007

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Only For Research. Not For Diagnosis.

Synonyms:	Histone H2A
Attribute:	Rabbit Polyclonal Antibody
Isotype:	IgG
Purity:	Antigen Affinity Purification
Application:	ELISA, WB, IP, IF
Calculated MW:	10-15kDa
Observed MW:	15kD
Reactivity:	Human,Mouse,Rat,Zebra fish
Immunogen:	Recombinant Human H2A protein expressed by E.Coli
Buffer:	PBS with 0.1% sodium azide and 50% glycerol, pH 7.2
Storage:	Store at -20°C. Do not aliquot
Recommended Dilution:	WB: 1:1000-2000 IP: 1:5000-10000 IF: 1:100-200



Western blot of Zebra Fish whole lysates with anti-H2A Rabbit Polyclonal Antibody at dilution of 1:1000

Background:

Histones are proteins that package DNA into nucleosomes. H2A consists of a main globular domain and a long N-terminal tail or C-terminal on one end of the molecule. The N-terminal tail or C-terminal tail is the location of post-translational modification. H2A is important for packaging DNA into chromatin. Since H2A packages DNA molecules into chromatin, the packaging process will affect gene expression. H2A has been correlated with DNA modification and epigenetics. H2A plays a major role in determining the overall structure of chromatin..

We focus on precise protein quantification