H2A Rabbit Polyclonal Antibody

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

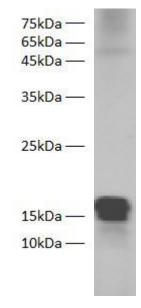
Storage: Store at -20°C. Do not aliquot

Recommended WB: 1:1000-2000 **Dilution:** IP: 1:5000-10000

IF: 1:100-200

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..



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

