

## Anti-Hydroxyl-Histone H2A type 1-B/E (Y39) Antibody (2P828)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2P828
Purification:	Affinity-chromatography

### Applications

Western Blot	-Positive WB detected in Mouse spleen tissue
Verified Activity:	-All lanes Hydroxyl-Histone H2A type 1-B/E (Y39) antibody at 1.05µg/ml -Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution -Predicted band size: 14 KDa -Observed band size: 14 KDa
Application:	ELISA, WB
Recommended	WB:1:500-1:2000.

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthetic peptide
Antigen Species:	Human
Gene ID:	3012
Uniprot ID:	P04908
Synonyms:	H2A;Histone H2A type 1 C;Histone H2A/a;H2A.1;Histone H2A type 1-B/E;H2AFE;H2AFA;Histone 1 H2ae;Histone H2A type 1 J;Histone H2A/m;H2A1B_HUMAN;HIST1H2AE;H2A/a;H2AFQ;H2AFO;H2A GL101;HIST2H2AA;H2AFM;MGC74460;H2A/q;H2A/m;H2A histone family member A;HIST1H2AJ;H2AFL;HIST2H2AA3;Histone 2 H2ab;H2A.2;H2a 615;Histone H2A type 1 E;Histone H2A.2;Histone 2 H2ac;Histone H2A type 1 B;HIST2H2AB;Histone 2 H2aa3;H2A/O;HIST2H2AC
Biology Area:	Epigenetics and Nuclear Signaling

### Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481