

Anti-Mono-methyl-Histone H3.1 (Arg128) Antibody (8D590)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human, Mouse
Conjugation:	Unconjugated
Clone:	8D590
Purification:	Affinity-chromatography

Applications

Verified Activity:	Western Blot -Positive WB detected in HepG2 whole cell lysate, SH-SY5Y whole cell lysate -All lanes Mono-methyl-Histone H3.1(R128)antibody at 0.87µg/ml -Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution -Predicted band size: 15 KDa -Observed band size: 15 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:	8350
Uniprot ID:	P68431
Synonyms:	MonoMe-H3R128;HIST1H3A, HIST1H3B, HIST1H3C, HIST1H3D, HIST1H3E, HIST1H3F, HIST1H3G, HIST1H3H, HIST1H3I, HIST1H3J;Histone H3.1;Histone H3;Histone H3R128-monomethylated; H3R128me1;Mono-Me-Histone H3.1 (Arg128);histone cluster 1, H3a;Mono-Me-Histone H3.1 (R128);Mono-methyl-Histone H3.1 (R128)
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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