Immunotag™ Phospho-Histone H3.1 (Ser10) Antibody

Antibody Specification

Catalog No.	ITA1127
Product Description	Immunotag™ Phospho-Histone H3.1 (Ser10) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-Histone H3.1 (Ser10)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Histone H3.1 around the phosphorylation site of Serine 10
Specificity	Phospho-Histone H3.1 (Ser10) Antibody detects endogenous levels of Histone H3.1 only when phosphorylated at Serine 10
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J
Accession No.	P68431/Q71DI3/P84243

Antibody Specification

Alternate Names	H3 histone family, member A; H3/A; H31_HUMAN; H3FA; Hist1h3a; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J; histone 1, H3a; Histone cluster 1, H3a; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/h; Histone H3/i; Histone H3/j; Histone H3/k; Histone H3/l; ;H3.3A; HIST1 cluster, H3E; H3 histone family, member A; H3.1; H3/l; H3F3; H3FF; H3FJ; H3FL; Histone gene cluster 1, H3 histone family, member E; histone H3.1t; Histone H3/o; FLJ92264; H 3; H3; H3 histone family, member B; H3 histone family, member C; H3 histone family, member D; H3 histone family, member F; H3 histone family, member H; H3 histone family, member I; H3 histone family, member J; H3 histone family, member K; H3 histone family, member L; H3 histone family, member T; H3 histone, family 3A; H3/A; H3/b; H3/c; H3/d; h3/f; H3/h; H3/i; H3/j; H3/k; H3/t; H31_HUMAN; H3F1K; H3F3A; H3FA; H3FB; H3FC; H3FD; H3FH; H3FI; H3FK; HIST1 cluster, H3A; HIST1 cluster, H3B; HIST1 cluster, H3C; HIST1 cluster, H3D; HIST1 cluster, H3F; HIST1 cluster, H3G; HIST1 cluster, H3H; HIST1 cluster, H3I; HIST1 cluster, H3J; HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J; HIST3H3; Histone 1, H3a; Histone 1, H3b; Histone 1, H3c; Histone 1, H3d; Histone 1, H3e; Histone 1, H3f; Histone 1, H3g; Histone 1, H3h; Histone 1, H3i; Histone 3, H3; histone cluster 1 H3 family member a; histone cluster 1 H3 family member b; histone cluster 1 H3 family member c; histone cluster 1 H3 family member d; histone cluster 1 H3 family member e; histone cluster 1 H3 family member f; histone cluster 1 H3 family member g; histone cluster 1 H3 family member h; histone cluster 1 H3 family member i; histone cluster 1 H3 family member j; Histone cluster 1, H3a; Histone cluster 1, H3b; Histone cluster 1, H3c; Histone cluster 1, H3d; Histone cluster 1, H3e; Histone cluster 1, H3f; Histone cluster 1, H3g; Histone cluster 1, H3i; Histone cluster 1, H3j; Histone gene cluster 1, H3 histone family, member A; Histone gene cluster 1, H3 histone family, member B; Histone gene cluster 1, H3 histone family, member C; Histone gene cluster 1, H3 histone family, member D; Histone gene cluster 1, H3 histone family, member F; Histone gene cluster 1, H3 histone family, member G; Histone gene cluster 1, H3 histone family, member H; Histone gene cluster 1, H3 histone family, member I; Histone gene cluster 1, H3 histone family, member J; Histone gene cluster 1, H3A; Histone gene cluster 1, H3B; Histone gene cluster 1, H3C; Histone gene cluster 1, H3D; Histone gene cluster 1, H3E; Histone gene cluster 1, H3F; Histone gene cluster 1, H3G; Histone gene cluster 1, H3H; Histone gene cluster 1, H3I; Histone gene cluster 1, H3J; Histone H 3; Histone H3.1; Histone H3.2; Histone H3.3; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/h; Histone H3/i; Histone H3/j; Histone H3/k; Histone H3/l; Histone H3/m; H3 histone family 3A; H3 histone family 3B; H3 histone, family 3B (H3.3B); H3.3; H3.3A; H3.3B; H33_HUMAN; H3F3; H3F3A; H3f3b; Histone H3.3; Histone H3.3Q; Histone H3.A; Histone H3.B; MGC87782; MGC87783;
Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	17kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.