

# Immunotag™ Histone H2A.Z Antibody

Antibody Specification	
Catalog No.	ITA3826
Product Description	Immunotag™ Histone H2A.Z 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	Histone H2A.Z
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:1000-3000 IHC 1:200 ICC/IF
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Histone H2A.Z
Specificity	Histone H2A.Z Antibody detects endogenous levels of total Histone H2A.Z
Purification	The antiserum was purified by peptide affinity chromatography.
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	HIST1H2AB; HIST1H2AE
Accession No.	P04908
Alternate Names	H2A histone family member A; H2A histone family member M; H2A.1; H2A.2; H2A/a; H2A/m; H2A1B_HUMAN; H2AFA; H2AFM; HIST1H2AB; HIST1H2AE; Histone 1 H2ab; Histone 1 H2ae; Histone cluster 1 H2ab; Histone cluster 1 H2ae; Histone H2A type 1-B/E; Histone H2A.2; Histone H2A/a; Histone H2A/m; Histone H2AE;

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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	13kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.