

Product datasheet for **TA354851**

H3FA (HIST1H3A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IP
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Mouse, Rat, Chicken, Bovine
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide within ~100 amino acids from N-terminus of human histone H3.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17 kDa
Gene Name:	histone cluster 1, H3a
Database Link:	NP_003520 Entrez Gene 360198 Mouse Entrez Gene 679994 Rat Entrez Gene 8350 Human P68431
Background:	Histones are basic nuclear proteins that together with DNA make up the nucleosome structure in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The sequence is found in all mammals and a wide range of species, including D. melanogaster, Arabidopsis, Chicken and Xenopus.
Synonyms:	A; H3; H3FA
Protein Pathways:	Systemic lupus erythematosus



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Product images:

IP: The nuclear extract derived from HELA were immunoprecipitated by 4 ug of Rabbit anti-Histone H3, then probed with Rb anti-Histone H3, at 1:1000. An immunoreactive band at ~17kDa is observed. Note: ~50 kDa and ~22 kDa are the rabbit immunoglobulin heavy and light chains.