

Product datasheet for **TA337345**

H4C1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-HIST1H4A antibody is: synthetic peptide directed towards the N-terminal region of Human HIST1H4A. Synthetic peptide located within the following region: LGKGGAKRHRKVLRLDNIQGITKPAIRRLARRGGVKRISGLIYEETRGVLK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	11 kDa
Gene Name:	histone cluster 1, H4a
Database Link:	Entrez Gene 8359 Human P62805
Background:	HIST1H4A is a 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.

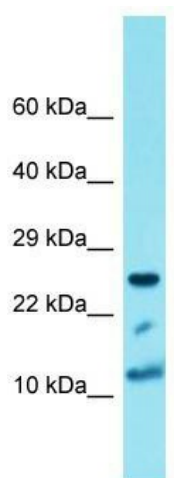


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Synonyms: H4/a; H4/B; H4/C; H4/D; H4/E; H4/G; H4/H; H4/I; H4/J; H4/K; H4/M; H4/N; H4/O; H4F2; H4FA; H4FB; H4FC; H4FD; H4FE; H4FG; H4FH; H4FI; H4FJ; H4FK; H4FM; H4FN; H4FO; HIST2H4

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Goat: 100%; Mouse: 100%; Bovine: 100%; Zebrafish: 100%; Guinea pig: 100%

Product images:



Host: Rabbit; Target Name: HIST1H4A; Sample Tissue: 293T Whole Cell lysates; Antibody Dilution: 1.0 ug/ml