

Product datasheet for TA422769

H4-16 Rabbit Monoclonal Antibody

Product data:

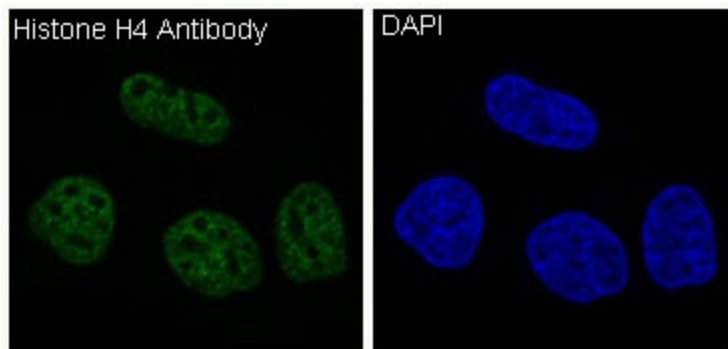
Product Type:	Primary Antibodies
Applications:	ChIP, ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500~1:1000 IHC 1:100~1:500 ICC/IF 1:50~1:200 IP 1:50 FC 1:50 ChIP
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthesized peptide derived from human Histone H4
Specificity:	Histone H4 Antibody detects endogenous levels of Histone H4
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity-chromatography
Conjugation:	Unconjugated
Storage:	Store at +4°C short term. Store at -23°C long term. Avoid freeze / thaw cycle.
Predicted Protein Size:	11kDa
Gene Name:	histone cluster 4, H4
Database Link:	Entrez Gene 121504 Human P62805
Background:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H4 family.


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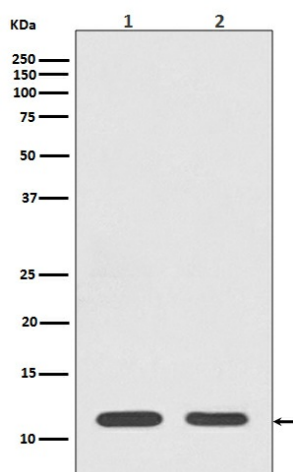
Synonyms:

H4/A, H4FA; H4/B, H4FB; H4/C; H4/D, H4FD; H4/E, H4FE; H4/G, H4FG; H4/H; H4/I; H4/J, H4FJ;
H4/K; H4/M; H4FC; H4FH; H4FI; H4FK; H4FM; HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D;
HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; Histone H4

Product images:



Immunofluorescent analysis of HeLa cells, using Histone H4 Antibody.



Western blot analysis of Histone H4 expression in (1) HeLa cell lysate; (2) 3T3 cell lysate.