

Product datasheet for **TA384380**

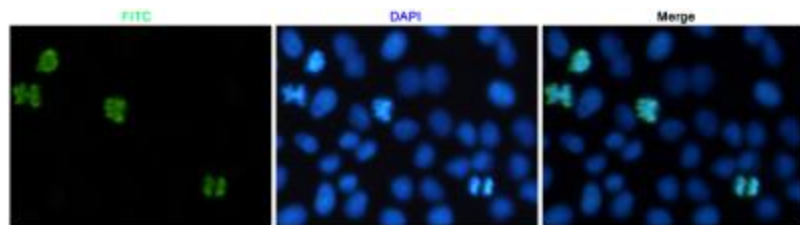
H3FT (HIST3H3) Rabbit Polyclonal Antibody

Product data:

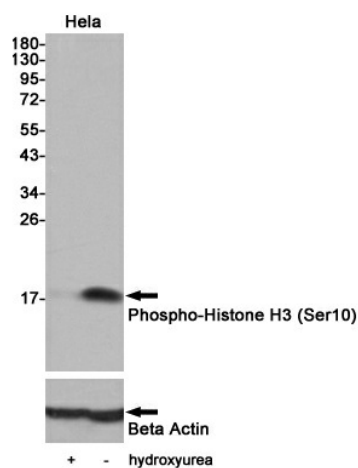
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1/1000 ICC: 1/200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Human Phospho-Histone H3(Ser10) synthetic peptide conjugated to KLH. (Phosphorylated)
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.03% Proclin 300, pH 7.3.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	17kDa
Gene Name:	histone cluster 3, H3
Database Link:	Entrez Gene 8290 Human P68431
Background:	Swiss-Prot Acc.P68431.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.
Synonyms:	H3.4; H3/g; H3/t; H3FT; H3t; MGC126886; MGC126888



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Product images:


Immunofluorescent analysis of HeLa cells labeled with Phospho-Histone H3(Ser10) (dilution 1:200) Rabbit pAb. DAPI was used to stain nucleus(blue).



Western blot analysis of extracts from HeLa cells, untreated or 1mM hydroxyurea treated for 5 hours, using Phospho-Histone H3(Ser10) Rabbit pAb(1:1000 diluted).