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Product datasheet for TA350047

H4-16 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: K562 cells, mouse pancreas tissue and Hela cells, mouse thymus tissue and 293T cells, NIH/3T3 and LoVo cells IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human HIST4H4
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glyceroln
Concentration:	lot specific
Purification:	Antigen affinity purification
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 4, H4
Database Link:	NP_778224 Entrez Gene 320332 MouseEntrez Gene 680097 RatEntrez Gene 121504 Human P62805

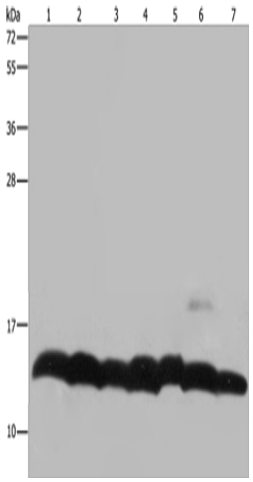
View online »

Background: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber 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 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. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element.

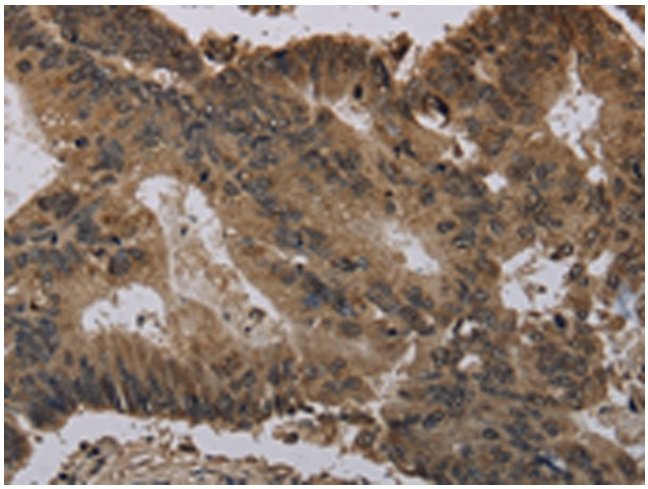
Synonyms: H4; p

Protein Pathways: Systemic lupus erythematosus

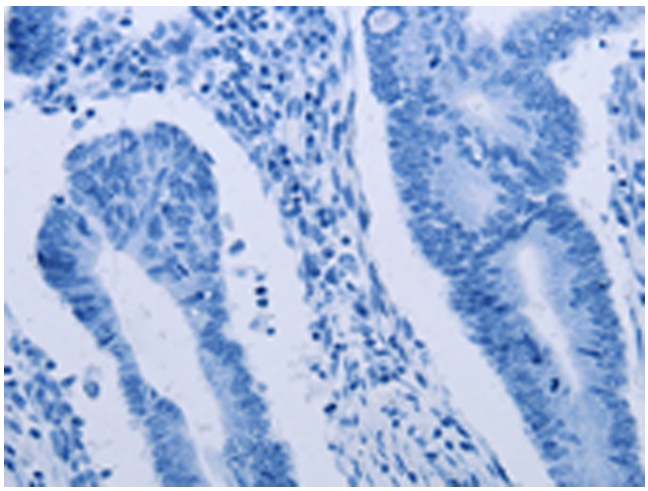
Product images:



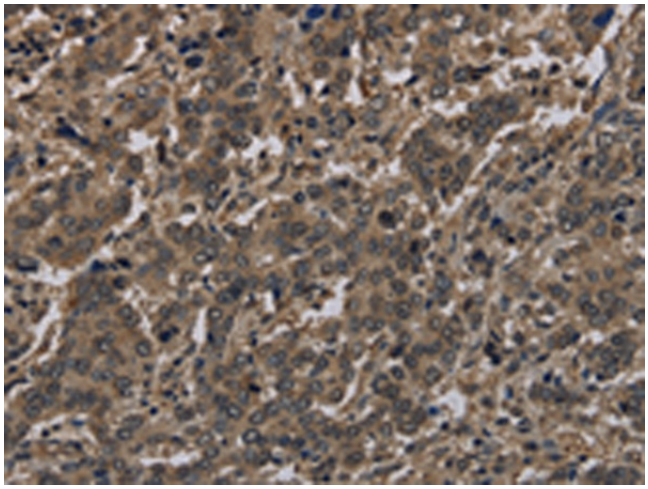
Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane 1-7: K562 cells
mouse pancreas tissue
Hela cells
mouse thymus tissue
293T cells
NIH/3T3 cells
LoVo cells
Primary antibody: TA350047 (H4C1 Antibody) at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 10 seconds



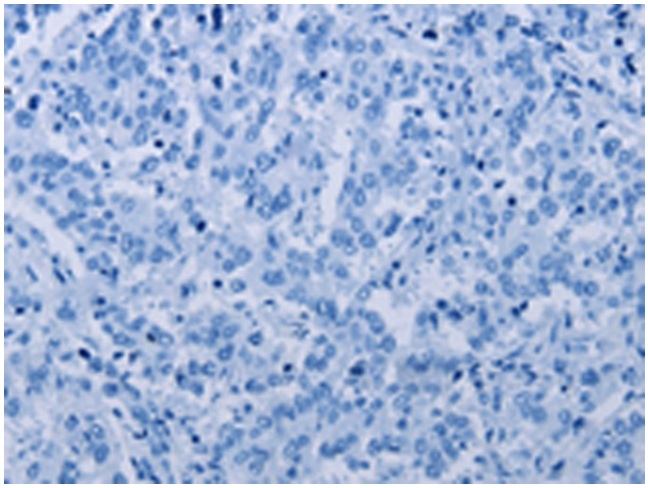
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA350047 (H4C1 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA350047 (H4C1 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350047 (H4C1 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350047 (H4C1 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)