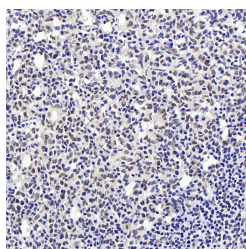


Histone H4 Polyclonal Antibody

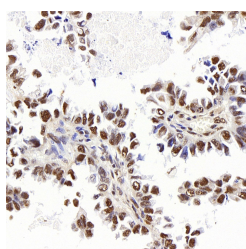
Catalog No.	E-AB-70364	Reactivity	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

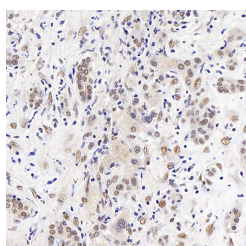
Images



Immunohistochemistry analysis of paraffin-embedded human tonsil using Histone H4 Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using Histone H4 Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded human breast using Histone H4 Polyclonal Antibody at dilution of 1:400.

Immunogen Information

Immunogen	Recombinant protein corresponding to human Histone H4
Swissprot	P62805
Synonyms	H4F2,H4FN,HIST1H4,HIST2H4,HISTH4H4

Product Information

Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	IHC 1:300-1:1000

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.

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