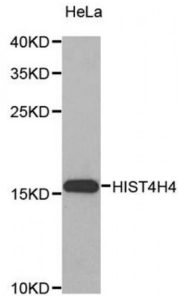
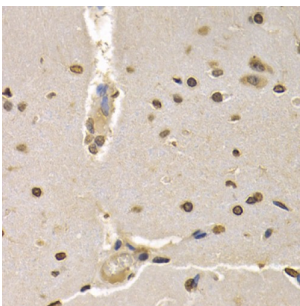


## HIST4H4 Antibody

Catalogue No.: abx001045



Western blot analysis of extracts of HeLa cells, using HIST4H4 antibody (abx001045).



Immunohistochemistry of paraffin-embedded rat brain using HIST4H4 antibody (abx001045) at dilution of 1/200 (40x lens).

HIST4H4 Antibody is a Rabbit Polyclonal antibody against HIST4H4. 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.

**Target:** HIST4H4

**Reactivity:** Human, Rat

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** WB, IHC

**Recommended dilutions:** WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Recombinant protein of human HIST4H4.

**Purification:** Affinity purified.

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<b>Form:</b>	Liquid
<b>Isotype:</b>	IgG
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
<b>Molecular Weight:</b>	Calculated MW: 11 kDa Observed MW: 16 kDa
<b>Swiss Prot:</b>	<a href="#">P62805</a>
<b>GeneID:</b>	<a href="#">121504</a>
<b>Gene Symbol:</b>	HIST4H4
<b>Concentration:</b>	> 1 mg/ml
<b>Buffer:</b>	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
<b>Note:</b>	This product is for research use only.