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Datasheet for ABIN1880095  
**HIST4H4 Protein**

### Overview

Quantity:	50 µg
Target:	HIST4H4
Origin:	Pig
Source:	Pig
Protein Type:	Native
Application:	ELISA, Western Blotting (WB), Immunoprecipitation (IP), SDS-PAGE (SDS)

### Product Details

Purity: > 90 %

### Target Details

Target: HIST4H4

Abstract: [HIST4H4 Products](#)

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.

Pathways: [Telomere Maintenance](#)

## Application Details

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Application Notes: Western blotting: 1:100-400  
Immunocytochemistry in formalin fixed cells: 1:100-500  
Immunohistochemistry in formalin fixed frozen section: 1:100-500  
Immunohistochemistry in paraffin section: 1:50-200  
Enzyme-linked Immunosorbent Assay: 1:100-200  
Optimal working dilutions must be determined by end user.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Reconstitution: Reconstitute in sterile PBS, pH 7.2 - pH 7.4.

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Buffer: Supplied as lyophilized form in 50 mM TRIS, 200 mM NaCl

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Handling Advice: Avoid repeated freeze/thaw cycles

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Storage: 4 °C

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Storage Comment: Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months.

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Expiry Date: 12 months

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