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45-1036: Rabbit Polyclonal Antibody to Histone H4(Discontinued)

Clonality :	Polyclonal
Application :	ELISA
Reactivity :	Human
Gene :	HIST1H4A
Gene ID :	121504
Uniprot ID :	P62805
Format :	Purified
Alternative Name :	Histone H4 , HIST1H4A, HIST1H4B, HIST1H4C, HIST1H4D, HIST1H4E, HIST1H4F, HIST1H4H, HIST1H4I, HIST1H4J,
Isotype :	Rabbit IgG
Immunogen Information :	Synthetic peptide derived from human Histone H4

Description

Histone H4 is a core component of nucleosome facilitating nucleosome wrapping and DNA compacting into chromatin. This limits the DNAs accessibility to the cellular machineries for which DNA is required as a template. Histones thereby play a central role in transcription regulation, DNA repair and replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, of which the process is called the histone code, and nucleosome remodeling. Rabbit Anti-Histone H4 Polyclonal Antibody is developed in rabbit using a KLH-coupled synthetic peptide corresponding to the residues of human Histone H4 protein.

Product Info

Amount :	40 µg
Purification :	Immunoaffinity chromatography
Content :	0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide
Storage condition :	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application Note

ELISA: 0.05-0.2 µg/ml
Western blot: 1-2 µg/ml

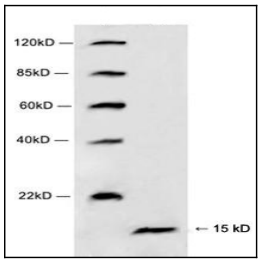


Figure-1 : Western blot analysis of Histone H4 Antibody at 1 µg/ml on Hela cell lysate, IRDye 800 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody.

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