

45-1035: Rabbit Polyclonal Antibody to Histone 2B(Discontinued)

Clonality :	Polyclonal
Application :	ELISA
Reactivity :	Human
Gene :	HIST1H2BM
Gene ID :	8342
Uniprot ID :	Q99879
Format :	Purified
Alternative Name :	Histone H2B type 1-M, Histone H2B.e
Isotype :	Rabbit IgG
Immunogen Information :	Synthetic peptide derived from the carboxyl terminal of human histone 2B .

Description

Histone 2B is the core component of nucleosome. It is involved in nucleosome wrapping and the compaction of DNA into chromatin, limiting DNA accessibility. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication, and chromosomal stability. DNA accessibility is regulated via a complex system of nucleosome remodelling and post-translational modification of histones, also called histone code. Rabbit Anti-Histone 2B Polyclonal Antibody is developed in rabbit hosts using a KLH-coupled synthetic peptide corresponding to carboxyl terminal residues of human histone 2B protein (Swiss Prot: Q99879).

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

Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/ml.

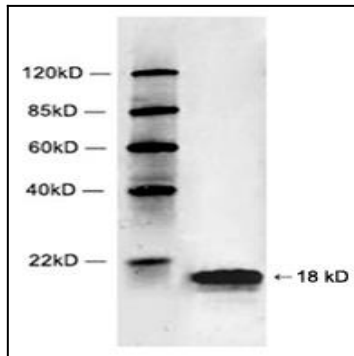


Figure-1 : Western blot analysis of Histone 2B Antibody at 1 µg/ml on HeLa cell lysate, IRDye 800 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody.