Histone H2B type 1-C/E/F/G/I Polyclonal Antibody

Catalog No: #42283

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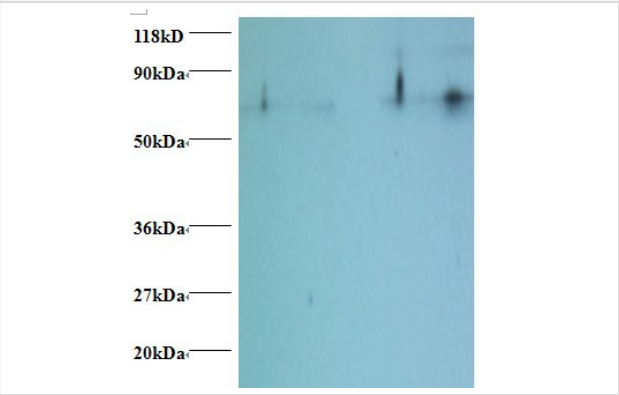
Description

Product Name	Histone H2B type 1-C/E/F/G/I Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Histone H2B type 1-C/E/F/G/I polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Histone H2B type 1-C/E/F/G/I protein
Target Name	Histone H2B type 1-C/E/F/G/I
Other Names	HIST1H2BC
Accession No.	Swiss-Prot#: P62807
Uniprot	P62807
GeneID	3017;8339;8343;8344;8346;8347;
Calculated MW	14kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:1000

Images



All lanes : Histone H2B type 1-C/E/F/G/I antibody at at 2ug/mlLane 1 : EC109 whole cell lysateLane 2 : 293T whole cell lysate

SecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilution

Predicted band size : 14 kDa
Observed band size: 70kDa

Background

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.Has broad antibacterial activity. May contribute to the formation of the functional antimicrobial barrier of the colonic epithelium, and to the

bactericidal activity of amniotic fluid.

References

[1]"Isolation and characterization of two human H1 histone genes within clusters of core histone genes."Albig W., Kardalinou E., Drabent B., Zimmer A., Doenecke D.Genomics 10:940-948(1991) [2]"Human histone gene organization: nonregular arrangement withi

Note: This product is for in vitro research use only