Datasheet for ABIN5960674

anti-Histone H3.3 antibody (Ser31)

1 Image

Go to Product page

Overview

Quantity:	200 µL
Target:	Histone H3.3 (H3F3A)
Binding Specificity:	Ser31
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H3.3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthesized peptide derived from human Histone H3.3 around the non-phosphorylation site of Ser31.
Isotype:	IgG
Specificity:	H3 histone family 3A,H3 histone family 3B,H3 histone,family 3B (H3.3B),H3.3,H3.3A,H3.3B,H33,H3F3,H3F3A,H3f3b,Histone H3.3,Histone H3.3Q,Histone H3.A,Histone H3.B,MGC87782,MGC87783
Purification:	Affinity purification

Target Details

Target:	Histone H3.3 (H3F3A)

Target Details

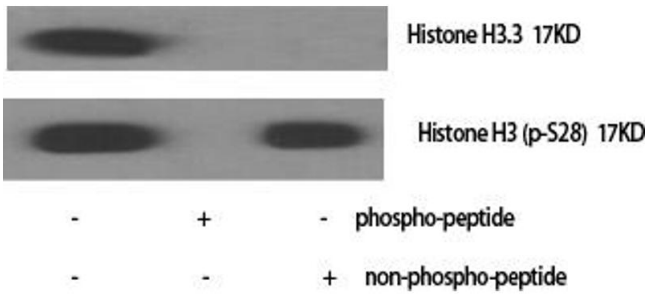
Alternative Name:	Histone H3.3 (H3F3A Products)
Background:	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, 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.
Molecular Weight:	15kDa
Gene ID:	3020, 3021
UniProt:	P84243

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:100-1:300, IF 1:200-1:1000, ELISA 1:5000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 0.5 % BSA and 50 % glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1.