Datasheet for ABIN1531501

anti-Histone H3.3 antibody (pSer31)

1 Image

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Overview

Quantity:	100 µL
Target:	Histone H3.3 (H3F3A)
Binding Specificity:	AA 16-65, pSer31
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H3.3 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Histone H3.3 around the phosphorylation site of Ser31.
Isotype:	IgG
Specificity:	Histone H3.3 (Phospho-Ser31) Antibody detects endogenous levels of Histone H3.3 only when phosphorylated at Ser31. PhosphorylationH:S31 M:S31 R:S31
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

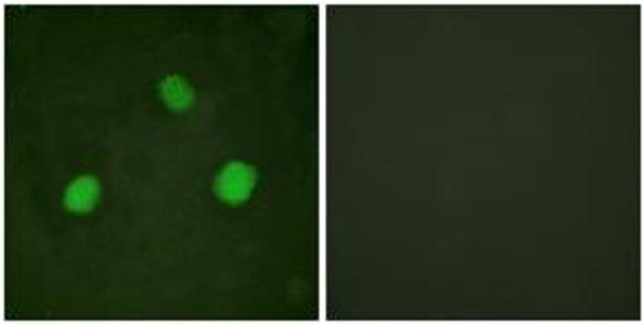
Target:	Histone H3.3 (H3F3A)
Alternative Name:	Histone H3.3 (H3F3A Products)
Background:	Synonyms: CG5825, H3.3Q, H3.A, H3.B, H33, H3F3A, H3F3B, HIS3.3A, HIS3.3B, ORCG8989, HISH3-3Q, Histone H3.3 NCBI Gene Symbol: H3F3B
Molecular Weight:	15 kDa
Gene ID:	3020, 3021
OMIM:	601058
UniProt:	P84243

Application Details

Application Notes:	IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.180877, Hs.533624, Hs.546259, Hs.699316, Hs.709407 (NCBI Gene Symbol: H3F3B)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells, using Histone H3.3 (Phospho-Ser31) Antibody. The picture on the right is treated with the synthesized peptide.