Datasheet for ABIN3031134

anti-Histone H3.3 antibody (AA 1-30)

2 Images

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Overview

Quantity:	0.4 mL
Target:	Histone H3.3 (H3F3A)
Binding Specificity:	AA 1-30
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H3.3 antibody is un-conjugated
Application:	ELISA, Dot Blot (DB)

Product Details

Immunogen:	A portion of amino acids 1-30 from human H3F3A was used as the immunogen for this Histone H3.3 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	Histone H3.3 (H3F3A)
Alternative Name:	Histone H3.3 (H3F3A) (H3F3A Products)
Background:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core

Target Details

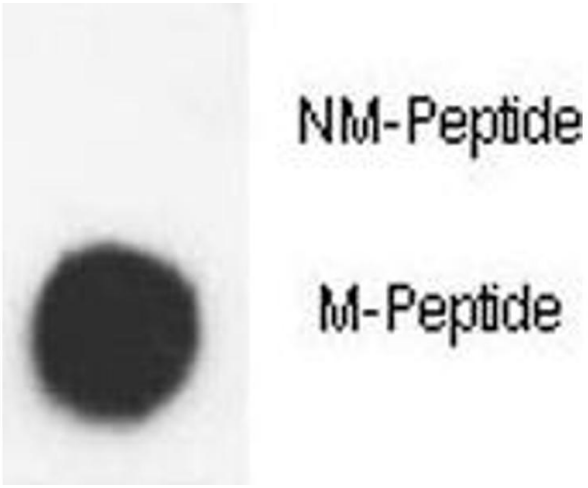
	histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene for histone H3-MeK9 is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails, instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.
UniProt:	P84243

Application Details

Application Notes:	Titration of the Histone H3.3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Dot blot: 1:500
Restrictions:	For Research Use only

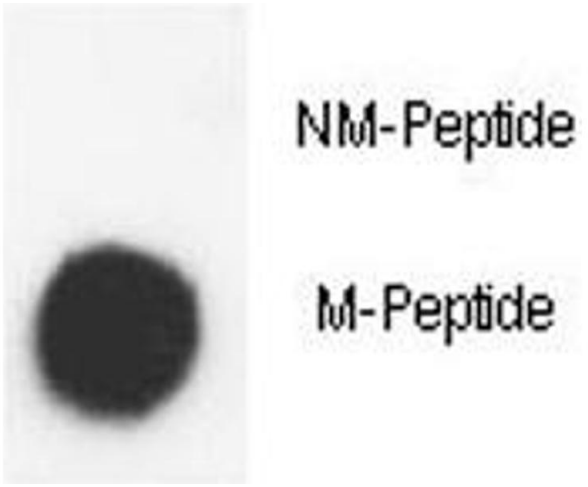
Handling

Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
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:	Aliquot the Histone H3.3 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Dot Blot

Image 1. Dot blot analysis of phospho-Histone H3.3 antibody. 50ng of Methyl-peptide or Non Methyl-peptide per dot were spotted.



Dot Blot

Image 2. Dot blot analysis of phospho-Histone H3.3 antibody. 50ng of Methyl-peptide or Non Methyl-peptide per dot were spotted.

