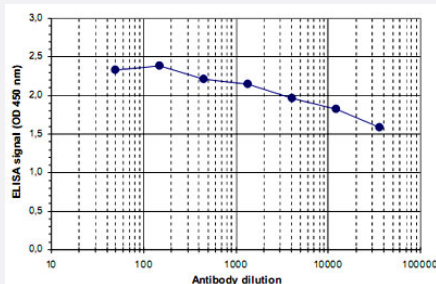


# H3 polyclonal antibody

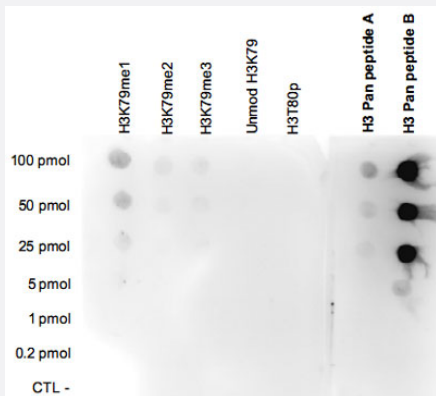
Catalog # PAB14096      Size 100 uL

## Applications



### Enzyme-linked Immunoabsorbent Assay

ELISA was performed using a serial dilution of H3 polyclonal antibody (Cat # PAB14096). By plotting the absorbance against the antibody dilution, the titer of the crude serum was estimated to be 1 : 900,000.



### Dot Blot

A Dot Blot analysis was performed to test the cross reactivity of H3 polyclonal antibody (Cat # PAB14096) with the peptides used for immunization of the rabbit and other peptides containing different modifications or unmodified sequences of histone H3.

One hundred to 0.2 pmol of the respective peptides were spotted on a membrane.

The antibody was used at a dilution of 1 : 1,000.

Figure shows a high specificity of the crude serum for one of the unmodified peptides.

## Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of H3.
Immunogen	A mixture of synthetic peptides (conjugated with KLH) that corresponding to internal region and to C-terminus of unmodified histone H3.
Host	Rabbit
Reactivity	Human

<b>Form</b>	Liquid
<b>Recommend Usage</b>	ELISA (1:100-1:1000) Dot Blot (1:1000) Western Blot (1:250) ChIP (1-5 ul/ChIP) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In serum (0.05% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- ChIP

- Western Blot

- Enzyme-linked Immunoabsorbent Assay

ELISA was performed using a serial dilution of H3 polyclonal antibody (Cat # PAB14096). By plotting the absorbance against the antibody dilution, the titer of the crude serum was estimated to be 1 : 900,000.

- Dot Blot

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Figure shows a high specificity of the crude serum for one of the unmodified peptides.

## Publication Reference

- [Intra- and inter-nucleosomal protein-DNA interactions of the core histone tail domains in a model system.](#)

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The Journal of Biological Chemistry 2003 Apr; 278(26):24217.

- [The language of covalent histone modifications.](#)

Strahl BD, Allis CD.

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