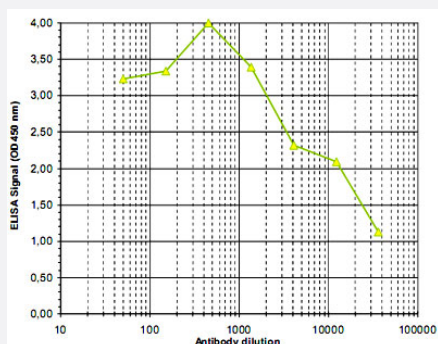


# H3K79me3 polyclonal antibody

Catalog # PAB14122      Size 50 ug

## Applications



### Enzyme-linked Immunoabsorbent Assay

ELISA was performed using a serial dilution of H3K79me3 polyclonal antibody (Cat # PAB14122) in antigen coated wells. The antigen used was a peptide containing the histone modification of interest.

By plotting the absorbance against the antibody dilution, the titer of the antibody was estimated to be 1 : 10,000.

### Dot Blot

To determine the cross reactivity of H3K79me3 polyclonal antibody (Cat # PAB14122) with other histone H3 modifications, a Dot Blot analysis was performed.

Tested histone H3 modifications include mono- and dimethylation of the same lysine and mono-, di- and trimethylation of lysine 9, 27 and 36. One hundred to 0.2 pmol of peptide containing the respective histone modification were spotted on a membrane and detected with the antibody diluted 1 : 50,000. Figure shows a high specificity for the modification of interest.



## Specification

### Product Description

Rabbit polyclonal antibody raised against synthetic peptide of H3K79me3.

### Immunogen

A synthetic peptide (conjugated with KLH) corresponding to region of histone H3 containing the trimethylated lysine 79 (H3K79me3).

### Host

Rabbit

### Reactivity

Human, Mouse

### Form

Liquid

<b>Recommend Usage</b>	ELISA (1:500-1:1000) Dot Blot (1:50000) Western Blot (1:500) ChIP (5 ug/ChIP) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.05% sodium azide, 0.05% proclin 300)
<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

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Figure shows a high specificity for the modification of interest.

## Publication Reference

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

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