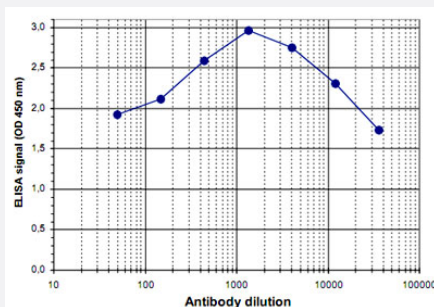


H3K9acS10p polyclonal antibody

Catalog # PAB14069

Size 100 uL

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA was performed using a serial dilution of H3K9acS10p polyclonal antibody (Cat # PAB14069). The antigen used was a peptide containing the histone modifications of interest. By plotting the absorbance against the antibody dilution, the titer of the crude serum was estimated to be 1 : 89,000.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of H3K9acS10p.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to region of histone H3 containing the acetylated lysine 9 and the phosphorylated serine 10 (H3K9acS10p).
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	ELISA (1:1000-1:4000) Dot Blot (1:20000) Western Blot (1:250) ChIP (15 uL/ChIP) The optimal working dilution should be determined by the end user.
Storage Buffer	In serum (0.05% sodium azide)
Storage Instruction	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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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- Dot Blot

Publication Reference

- [Dynamic regulation of histone lysine methylation by demethylases.](#)
Shi Y, Whetstone JR.
Molecular Cell 2007 Jan; 25(1):1.
- [Stimulation of the Ras-MAPK pathway leads to independent phosphorylation of histone H3 on serine 10 and 28.](#)
Dunn KL, Davie JR.
Oncogene 2005 May; 24(21):3492.
- [Intra- and inter-nucleosomal protein-DNA interactions of the core histone tail domains in a model system.](#)
Zheng C, Hayes JJ.
The Journal of Biological Chemistry 2003 Apr; 278(26):24217.