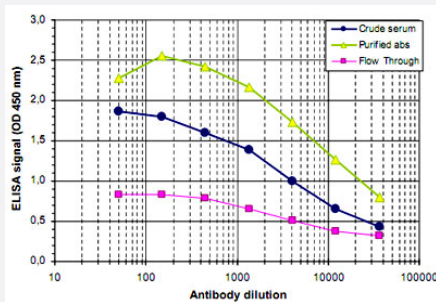


H3K27me2 polyclonal antibody

Catalog # PAB14116

Size 50 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA was performed using a serial dilution of H3K27me2 polyclonal antibody (Cat # PAB14116), crude serum and flow through. The antigen used was a peptide containing the histone modification of interest. By plotting the absorbance against the antibody dilution, the titer of the purified antibody was estimated to be 1 : 16,900.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of H3K27me2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to region of histone H3 containing the dimethylated lysine 27 (H3K27me2).
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	ELISA (1:100-1:500) Dot Blot (1:20000) Western Blot (1:1000) ChIP (5 ug/ChIP) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide, 0.05% proclin 300)
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

ELISA was performed using a serial dilution of H3K27me2 polyclonal antibody (Cat # PAB14116), crude serum and flow through.

The antigen used was a peptide containing the histone modification of interest.

By plotting the absorbance against the antibody dilution, the titer of the purified antibody was estimated to be 1 : 16,900.

- Dot Blot

Publication Reference

- [Dynamic regulation of histone lysine methylation by demethylases.](#)

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- [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.

- [Translating the histone code.](#)

Jenuwein T, Allis CD.

Science 2001 Aug; 293(5532):1074.