

Datasheet

H3K27me3S28p polyclonal antibody

Catalog Number: PAB14058

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of H3K27me3S10p.

Immunogen: A synthetic peptide (conjugated with KLH) corresponding to region of histone H3 containing the trimethylated lysine 27 and the phosphorylated serine 28 (H3K27me3S28p).

Host: Rabbit

Reactivity: Human

Applications: ChIP, Dot, ELISA, IF, IP, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Recommend Usage: ELISA (1:100-1:500)

Dot Blot (1:20000)

Western Blot (1:250)

Immunofluorescence (1:200)

Immunoprecipitation (5 ul/IP)

ChIP (1 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.

References:

1. Dynamic regulation of histone lysine methylation by demethylases. Shi Y, Whetstone JR. Mol Cell. 2007 Jan 12;25(1):1-14.
2. 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

12;24(21):3492-502.

3. Intra- and inter-nucleosomal protein-DNA interactions of the core histone tail domains in a model system. Zheng C, Hayes JJ. J Biol Chem. 2003 Jun 27;278(26):24217-24. Epub 2003 Apr 15.