

Anti-SETDB2(Probable histone-lysine N-methyltransferase, H3 lysine-9 specific) Polyclonal Antibody

Cat. #: 60C065

Description:

SETDB2 (Probable histone-lysine N-methyltransferase, H3 lysine-9 specific) methylates Lys-9 of histone H3. The H3 Lys-9 methylation represents a specific tag for epigenetic transcriptional repression by recruiting HP1 proteins to methylated histones. SETDB2 is highest expression in heart, testis and ovary. SETDB2 belongs to the histone-lysine methyltransferase family. It contains 1 MBD (methyl-CpG-binding) domain, 1 pre-SET domain and 1 SET domain.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human SETDB2(Probable histone-lysine N-methyltransferase, H3 lysine-9 specific)

References

Mabuchi,H., et al, Cancer Res. 61 (7), 2870-2877 (2001)
Zhang,Y., et al, Nat. Genet. 34 (2), 181-186 (2003)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)