

Product Datasheet

KMT6 / EZH2 Antibody

Catalog No: CY6606

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: Q15910

All Names: EZH 2; EZH1; EZH2; EZH2_HUMAN; EZH2b; Histone-lysine N-methyltransferase EZH2; KMT 6; KMT6; KMT6A;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

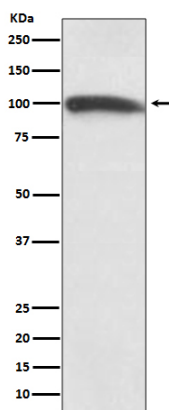
Molecular Wt.: 98 kDa

Application

WB 1:500~1:2000

Background

Polycomb group (PcG) protein. Catalytic subunit of the PRC2/EED-EZH2 complex, which methylates 'Lys-9' and 'Lys-27' of histone H3, leading to transcriptional repression of the affected target gene. Able to mono-, di- and trimethylate 'Lys-27' of histone H3 to form H3K27me1, H3K27me2 and H3K27me3, respectively. Compared to EZH2-containing complexes, it is more abundant in embryonic stem cells and plays a major role in forming H3K27me3, which is required for embryonic stem cell identity and proper differentiation.



Western blot analysis of KMT6 / EZH2 expression in HeLa cell lysate.

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