Methyl Lysine (Biotin) Polyclonal Antibody

ALTERNATE NAMES: Methyl Lysine

CATALOG #: 6124-50

AMOUNT: 50 µg

HOST: Rabbit

ISOTYPE: IgG

IMMUNOGEN: Methylated KLH

PURIFICATION: Affinity purified

FORM: Liquid

FORMULATION: 50 µg of antibody in 200 µl PBS, pH 7.0, containing 50% glycerol and 0.01% sodium azide.

SPECIES REACTIVITY: Methylated Lysine residue in multiple species

STORAGE CONDITIONS: For long term storage, store at -20°C. Avoid freeze/thaw cycles.

DESCRIPTION: Post-translational modifications of proteins play critical roles in the regulation and function of many known biological processes. Proteins can be post-translationally modified in many different ways, and a common post-transcriptional modification of lysine involves methylation. Lysine can be methylated once, twice, or three times by lysine methyltransferases. The transfer of methyl groups from S-adenosyl methionine to histones is catalyzed by enzymes known as histone methyltransferases. Histones which are methylated on certain residues can act epigenetically to repress or activate gene expression.

SPECIFICITY: Multiple species

APPLICATION: Western blot: 1:2000 – 1:5000, IP/ELISA: 1:1000

Note*: This information is only intended as a guide. The optimal dilutions must be determined by the user*

RELATED PRODUCTS:

- Acetyl Lysine (Biotin) Antibody **(Cat. No. 6125-50)**
- EZH1 Antibody **(Cat. No. 6123-50)**
- EZH2 Antibody **(Cat. No. 3242-100)**
- 3-Deazaneplanocin **(Cat. No. 2060-250, -1000)**
- GSK343 **(Cat. No. 2281-1, -5)**
- GSK126 **(Cat. No. 2282-1, -5)**
- BIX 01294 **(Cat. No. 1678-5, -25)**
- Histone methyltransferase (SUV39H1) Antibody **(Cat. No. 3942-100)**

FOR RESEARCH USE ONLY! Not to be used on humans.

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