

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.