

A17323

Leader in Biomolecular Solutions for Life Science



Dimethyl-Lysine Rabbit pAb

Catalog No.: A17323

Basic Information

Observed MW

Refer to Figures

Calculated MW

Category

Polyclonal Antibody

Applications

WB,IP

Cross-Reactivity

ALL

Background

Protein methylation is a very diverse, widespread and important post-translational modification affecting all aspects of cellular biology in eukaryotes. Methylation on the side chain of lysine residues in histones has received considerable attention due to its major role in chromatin structure and the epigenetic regulation of gene expression. However, evidence of lysine methylation-driven regulation has been obtained for a number of non-histone proteins since the turn of the 21st century. This modification has been shown to regulate protein-protein and protein-nucleic acid interactions, protein stability, subcellular localization or enzyme activity in essential cellular processes including transcription, protein synthesis, signal transduction and metabolism.

Recommended Dilutions

WB 1:500 - 1:1000

IP 1:20 - 1:50

Immunogen Information

Gene ID

Swiss Prot

Immunogen

Dimethyl Protein.

Synonyms

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

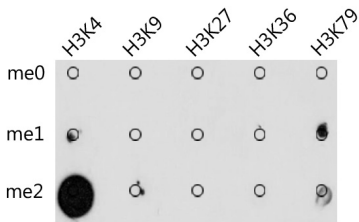
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 50% glycerol,pH7.2.

Validation Data



Dot-blot analysis of all sorts of methylation peptides using Dimethyl-Lysine antibody (A17323).