

**Anti-Human/Mouse/Rat Mono-Methyl-Histone H3 (Lys80) Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA02281**

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3th Edition

**Description:**Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

**Antigen:**Synthesized peptide derived from human Histone H3 around the mono-methylation site of K80.

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**Specifically expressed in the seminiferous tubules of testis