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| Product name: | MonoMethyl-Histone H3 (Lys18) Rabbit Polyclonal Antibody |
| Cat number: | ABN00690 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Polyclonal |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG |
| Immunogen: | A synthetic Methylated peptide corresponding to residues target protein |
| Reactivity: | Human,Mouse,Rat |
| Applications: | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200 |
| Molecular Weight: | Calculated MW: 15 kDa; Observed MW: 15 kDa |
| Purification: | Affinity Chromatography |
| Form: | Liquid |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| Background: | H3 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. |