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Polyclonal Antibody to Histone H3 - Aff - Purified

Alternate names: H3 Histone family, HIST1H3

Catalog No.: TA318931

Quantity: 0.1 mg

Concentration: 0.5 mg/ml

Background: The nucleosome is made up of four core histone proteins (H2A, H2B, H3 and H4) and is the

primary building block of chromatin. The N-terminal tail of core histones undergoes different posttranscriptional modification including acetylation, phosphorylation and methylation. These modifications occur in response to cell signal stimuli and have a direct

effect on gene expression.

Host: Rabbit

Immunogen: Synthetic peptide near the C-terminus of human Histone H3

Format: State: Liquid purified Ig fraction.

Purification: Affinity Chromatography.

Buffer System: PBS, pH 7.2 containing 30% Glycerol, 0.5% BSA and 0.01% Thimerosal.

Applications: Western blot: 0.5-4 µg/ml.

Immunohistochemistry: 20 µg/ml.

Other applications not tested. Optimal dilutions are dependent on conditions and should

be determined by the user.

Specificity: The antibody detects ~17 kDa Histone H3 protein.

It does not cross-react with other Histones.

Species: Human, Mouse and Rat.

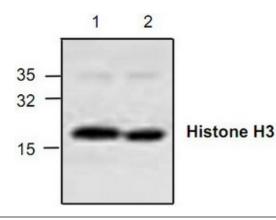
Other species not tested.

Storage: Store the antibody undiluted at -20°C or for long term storage (in aliquots) at -70°C.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures: Western blot analysis of Histone H3

expression with Jurkat cell lysate.



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