

This product is for research use only (not for diagnostic or therapeutic use)

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Product no AS16 3176

Anti-H3T6pK9me3 | Histone H3 (trimethylated Lys9, p Thr6)

Product information

Immunogen KLH-conjugated synthetic peptide

Host Rabbit

Clonality Polyclonal

Purity Immunogen affinity purified serum.

Format Liquid

Quantity 50 μg

Storage

Store lyophilized/reconstituted at -20 °C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Additional information

This antibody preparation is provided in 20 mM Potassium Phosphate pH 7,2, 150 mM NaCl, 0,01% sodium azide and 30% glycerol

Application information

Recommended dilution 2-5 μg/million cells (ChIP), 1 : 1000 (Dot), 1 : 100 (IF), 1 : 200 (IHC), 1 : 500 (WB)

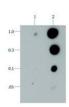
Expected | apparent 15 kDa MW

Confirmed reactivity Caenorhabditis elegans, Human

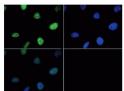
Predicted reactivity Chicken, Drosophila melanogaster, Mouse, Plant, Rat, Xenopus sp.

Not reactive in No confirmed exceptions from predicted reactivity are currently known

application example



Dot Blot using anti-H3T6p antibodies. Lane 1: H3T6un. Lane 2: H3T6p. Load: 1, 0.3, 0.1, 0.03 picomoles of peptide. Primary antibody used at a 1:1000 dilution for 45 min at 4°C. Secondary antibody: Dylight®488 rabbit secondary antibody at 1:10 000 for 45 min at RT.



Immunofluorescence using anti-H3T6p antibodies. Tissue: HeLa cells. Fixation: 0.5% PFA. Primary antibody used at a 1:100 dilution for 1 h at RT. Secondary antibody: FITC secondary antibody at 1:10,000 for 45 min at RT. Localization: Histone H3T6p is nuclear and chromosomal. Staining: H3T6p is expressed in green and the nuclei are counterstained with DAPI (blue).

250> 150>

Western Blot using anti-H3T6p antibodies. 30 μg C. elegans embryo lysate. Primary antibody incubated at a 1:500 dilution overnight at 4°C.



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Secondary antibody: IRDye800 $^{\text{TM}}$ rabbit secondary antibody at 1:10 000 for 45 min at RT.



Western Blot of H3T6p antibody on 30 μg HeLa histone extracts. Primary antibody: incubated at a 1:500 dilution overnight at 4 °C. Secondary antibody: IRDye800™ rabbit secondary antibody at 1:10 000 for 45 min at RT.