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Product no AS16 3195

Anti-H3K27ac | Histone H3 acetylated lysine 27 (ChIP grade)

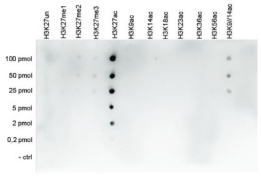
Product information

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	Antibody is provided in PBS containing 0.05% azide and 0.05% ProClin 300

Application information

Recommended dilution	0.5-5 µg/IP (ChIP-seq), 1 : 20 000 (Dot), 1 : 500 (ELISA), 1 : 500 (IF), 1 : 1000 (WB)
Expected | apparent MW	15 kDa
Confirmed reactivity	Human
Predicted reactivity	*Arabidopsis thaliana*, Mouse, Rat
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	Antibody solution contains PBS with 0.05% sodium azide and 0.05% ProClin 300

Application example



Dot blot was used to to test the cross reactivity of anti-H3K27ac antibodies. Peptides containing other histone modifications and the unmodified H3K27 were used. 100 to 0.2 pmol of the respective peptides were spotted on a membrane. The antibody was used at a dilution of 1:20 000. Results show a high specificity of the antibody for the modification of interest.