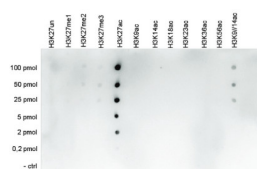


Product no **AS16 3195****Anti-H3K27ac | Histone H3 acetylated lysine 27 (ChIP grade)****Product information****Immunogen** | KLH-conjugated synthetic peptide**Host** | Rabbit**Clonality** | Polyclonal**Purity** | Immunogen affinity purified serum.**Format** | Liquid**Quantity** | 50 µg**Storage** | 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 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.