

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

contact: support@agrisera.com

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

## Product no AS16 3194

# H3K9me2 | Histone H3 dimethylated lysine 9

#### **Product information**

**Immunogen** KLH-conjugated synthetic peptide

**Host** Rabbit

Clonality Polyclonal

**Purity** Immunogen affinity purified serum.

Format Liquid

Quantity 50 μg

Storage 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 1-5 μg/IP (ChIP/ChIP-seq), 1:20 000 (Dot), 1:1000 (ELISA), 1:500 (IF), 1:1000 (WB)

Expected | apparent

15 kDa

Confirmed reactivity | Human, Solanum lycopersicum

Predicted reactivity | Arabidopsis thaliana, Mouse, Oryza sativa

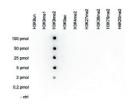
Not reactive in No confirmed exceptions from predicted reactivity are currently known

Additional information Antibody solution contains PBS with 0.05% sodium azide and 0.05% ProClin 300

Selected references Liu et al. (2018). Transcriptomics analyses reveal the molecular roadmap and long noncoding RNA landscape of sperm

cell lineage development. Plant J. 2018 Jul 26. doi: 10.1111/tpj.14041.

#### application example



**Dot blot** analysis to test the cross reactivity of anti-H3K9me2 antibodies with peptides containing other modifications of histone H3 and the unmodified H3K9 sequence. 100 to 0.2 pmol of peptide containing the respective histone modification were spotted on a membrane. The antibody was used at a dilution of 1:20 000.