Agrisera
Part of Thermo Fisher Scientific

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

Anti-H3K9me2 | Histone H3 dimethylated lysine 9

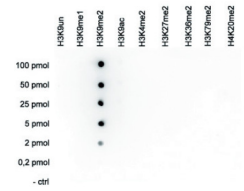
Product information

Immunogen	KLH-conjugated synthetic peptide
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum.
Format	Liquid
Quantity	50 µg
Storage	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 MW	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.