Agrisera
Part of Thermo Fisher Scientific

This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

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Product no AS16 3180

Anti-H3R17me2(asym) | Histone H3 (asym-dimethyl Arg17)

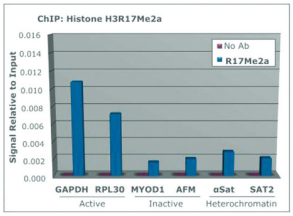
Product information

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

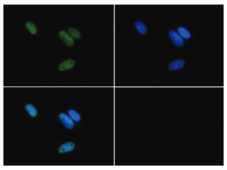
Application information

Recommended dilution	2-5 µg/million cells (ChIP), 1 : 50 (IF), 1 : 500 (WB)
Expected | apparent MW	15 kDa
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

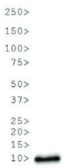
application example



Chromatin Immunoprecipitation using anti-H3R17me2a antibodies. Chromatin from one million formaldehyde cross-linked Hela cells was used with 2 ug of H3R17me2a antibody alongside a no antibody (No Ab) control. DNA was measured by qPCR and normalized to total input.



Immunofluorescence using anti-H3R17me2a antibodies. Tissue: HeLa cells. Fixation: 0.5% PFA. Primary antibody used at a 1:50 dilution for 1 h at RT. Secondary antibody: FITC secondary antibody at 1:10 000 for 45 min at RT. Localization: Histone H3R17me2a is nuclear and chromosomal. Staining: Histone H3R17me2a is expressed in green, nuclei are counterstained with Dapi (blue).



Western Blot anti-H3R17me2a antibodies. 30 µg of C. elegans embryo lysate. Primary antibody used at a 1:500 dilution overnight at 4°C.

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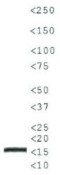
Secondary antibody: IRDye800™ rabbit secondary antibody at 1:10 000 for 45 min at RT.



Western Blot using-H3R17me2a antibodies. 30 µg of NIH-3T3 histone extracts. Primary antibody used at a 1:500 dilution overnight at 4°C. Secondary antibody: IRDye800™ rabbit secondary antibody at 1:10 000 for 45 min at RT.