

## ARG30341 Heterochromatin Foci Antibody Duo

Package: 1 pair  
Store at: -20°C

### Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG54763	anti-Histone H3 dimethyl (Lys9) antibody - ChIP-Grade	Rabbit pAb	Hu, Ms, Rat	ChIP, ChIP-seq, ICC/IF, IHC-P, WB	50 µl
ARG53997	anti-CBX3 / HP1 gamma antibody	Mouse mAb	Hu, Ms, Rat, Hm, Mk	ICC/IF, IHC-P, IP, WB	50 µl

### Summary

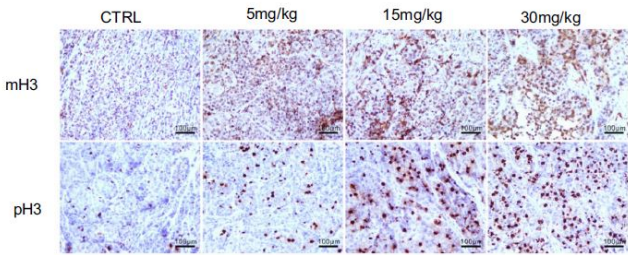
Product Description	<p>Senescence-associated heterochromatin foci (SAHF) are specialized domains of facultative heterochromatin that play a role in sequestering proliferation-promoting genes. Detection of SAHF components is useful for identifying senescent cells.</p> <p>This antibody duo comprises H3K9Me2 and HP1 gamma antibodies for labeling heterochromatin. It is the best solution to detect SAHF in human, mouse, and rat samples.</p>
Target Name	Heterochromatin Foci

### Properties

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

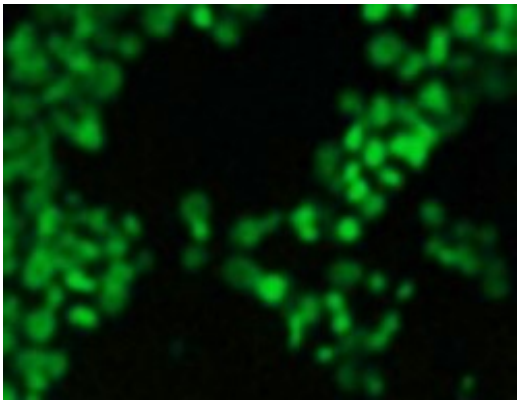
Highlight	<p>Related Product:</p> <p><a href="#">anti-CBX3 / HP1 gamma antibody:</a></p>
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ARG54763 anti-Histone H3 dimethyl (Lys9) antibody - ChIP-Grade  
IHC-P image

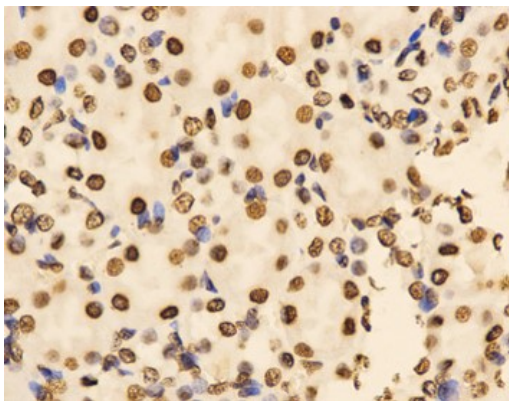
Immunohistochemistry: IMR32 stained with [ARG51679 anti-Histone H3 phospho \(Ser10\) antibody](#) and ARG54763 anti-Histone H3 dimethyl (Lys9) antibody - ChIP-Grade at 1:1000 dilution.

From Yang Y et al. Cancer Cell Int- (2020), [doi: 10.1186/s12935-019-1072-y](#), Fig. 3. D.



ARG54763 anti-Histone H3 dimethyl (Lys9) antibody - ChIP-Grade  
ICC/IF image

Immunofluorescence: 293T cells stained with ARG54763 anti-Histone H3 dimethyl (Lys9) antibody - ChIP-Grade.



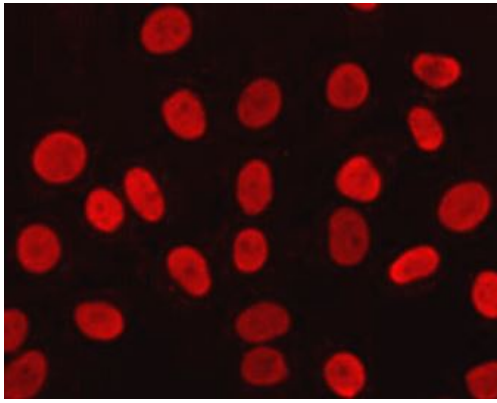
ARG54763 anti-Histone H3 dimethyl (Lys9) antibody - ChIP-Grade  
IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse kidney tissue stained with ARG54763 anti-Histone H3 dimethyl (Lys9) antibody (ChIP-Grade) at 1:200 dilution.



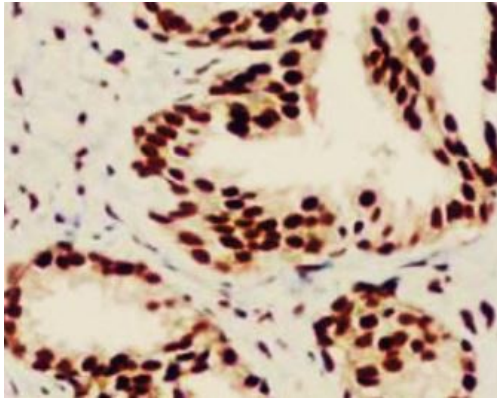
ARG54763 anti-Histone H3 dimethyl (Lys9) antibody - ChIP-Grade  
WB image

Western blot: HeLa cell lysate and Recombinant Histone H3 protein expressed in E. coli (negative control) stained with ARG54763 anti-Histone H3 dimethyl (Lys9) antibody (ChIP-Grade).



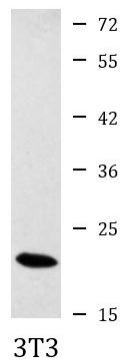
#### ARG53997 anti-CBX3 / HP1 gamma antibody ICC/IF image

Immunofluorescence: HeLa cells fixed with 4% Paraformaldehyde and stained with ARG53997 anti-CBX3 / HP1 gamma antibody at 1:200 dilution.



#### ARG53997 anti-CBX3 / HP1 gamma antibody IHC-P image

Immunohistochemistry: Paraffin-embedded prostate cancer tissue stained with ARG53997 anti-CBX3 / HP1 gamma antibody at 1:200 dilution. Antigen Retrieval: Boil tissue section in Citrate buffer (pH 6.0).



#### ARG53997 anti-CBX3 / HP1 gamma antibody WB image

Western blot: 3T3 cell lysate stained with ARG53997 anti-CBX3 / HP1 gamma antibody at 1:1000 dilution.



#### ARG53997 anti-CBX3 / HP1 gamma antibody IP image

Immunoprecipitation: HeLa cell lysates were immunoprecipitated and stained with ARG53997 anti-CBX3 / HP1 gamma antibody.