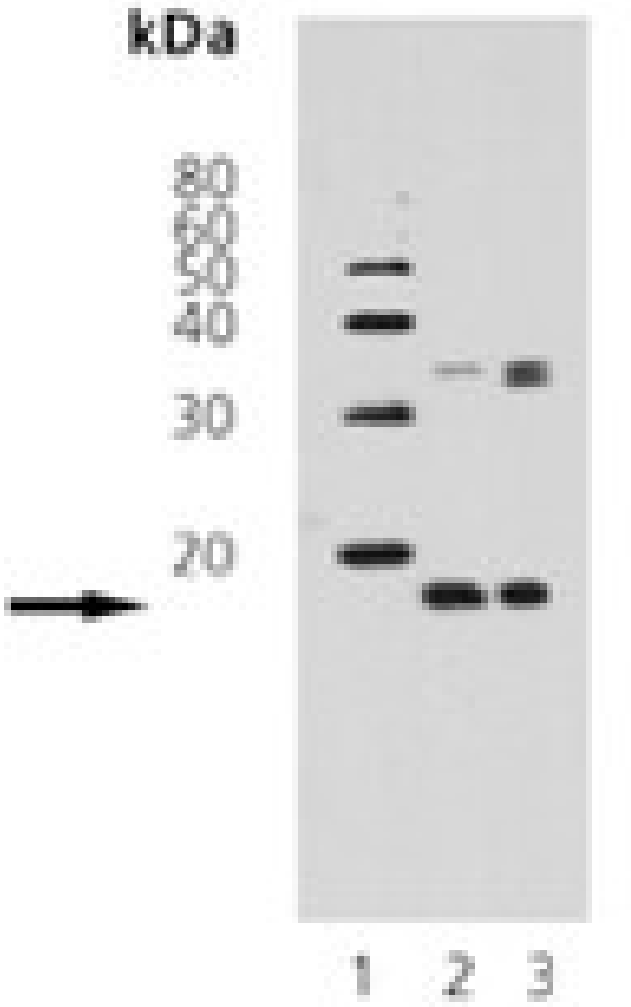
Histone H3 (dimethyl-Lys9) polyclonal antibody

The nucleosome is made up of four core histone proteins (H2A, H2B, H3 and H4) and is the primary building block of chromatin. The core histones form an octamer, which is made up of one H3-H4 tetramer and two H2A-H2B dimers. The N-terminal tail of core histones undergoes different post-transcriptional modifications including acetylation, phosphorylation, methylation and ubiquitination. These modifications occur in response to cell signal stimuli and have a direct effect on gene expression.

This antibody is covered by our Worry-Free Guarantee.

Manuals, SDS & CofA

View Online »



Western blot analysis of MW marker (1), 3T3 (2), and K-562 (3) cell lysates probed with Histone H3 (dimethyl-Lys9) pAb.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	WB
Crossreactivity	Weakly cross-reacts with rat, bovine and dog Histone H3 (dimethyl-Lys9).
Formulation	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.
Host	Rabbit
Immunogen	Synthetic dimethyl-peptide corresponding to human Histone H3.
Purity Detail	Peptide affinity purified.
Source	Purified from rabbit serum.
Species Reactivity	Human, Mouse
UniProt ID	P68431 (Histone H3.1), Q71DI3 (Histone H3.2), P84243 (Histone H3.2)
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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