

Rabbit anti-Human Histone H3 Polyclonal Antibody | anti-H3 antibody

Histone H3, C-terminal antibody (pAb)

CATALOG # AAA59804	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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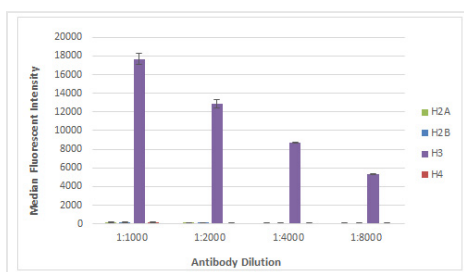
PRODUCT SYNONYMS

Histone H3; Polyclonal Antibody; C-terminal antibody (pAb); anti-H3 antibody

PRODUCT SPECIFICATIONS

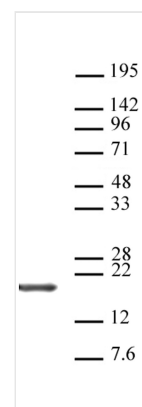
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Form/Format	Rabbit serum containing 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-H3 antibody	WB (Western Blot), ELISA
Immunogen	This Histone H3, C-terminal antibody was raised against a C-terminal peptide of histone H3.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



Application Data

Specificity of Histone H3, C-terminal (pAb) Human Histone proteins were conjugated to Luminex MagPlex beads and incubated with various amounts of Histone H3, C-terminal antibody. Protein-bound antibody was detected with Anti-Rabbit IgG-PE and read in a MagPix Luminex Instrument.



WB (Western Blot)

Histone H3, C-terminal (pAb) testing by Western Blot Analysis was performed using HeLa cell nuclear extract and Histone H3, C-terminal polyclonal antibody at 1:25,000 dilution. M.W. of the detected protein is 17 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-H3 antibody	Short Description: Our Histone H3, C-terminal antibody (pAb) was raised in a Rabbit host. It has been validated for use in ELISA and Western blot; it has been shown to react with Human samples. Background: Histone H3 is one of the core components of the nucleosome. The nucleosome is the smallest subunit of chromatin and consists of 147 base pairs of DNA wrapped around an octamer of core histone proteins (two each of Histone H2A, Histone H2B, Histone H3 and Histone H4). Histone H1 is a linker histone, present at the interface between the nucleosome core and DNA entry/exit points. Histone H1 is responsible for establishing higher-order chromatin structure. Each histone contains two domains. First, a main globular domain (C-terminal) forming the core of the nucleosome is involved in histone-histone interactions and in binding to the DNA. Secondly, an N-terminal tail is subject to post-translational modifications. Chromatin is subject to a variety of chemical modifications, including post-translational modifications of the histone proteins and the methylation of cytosine residues in the DNA. Reported histone modifications include acetylation, methylation, phosphorylation, ubiquitylation, glycosylation, ADP-ribosylation, carbonylation and SUMOylation; these modifications play a major role in regulating gene expression.
Product Categories/Family for anti-H3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	17kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/histone-h3-antibody-western-blot-elisa/59804>