

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

AbFlex Histone H3, C-terminal antibody (rAb, Rabbit)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60287	Rabbit	Human	Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation

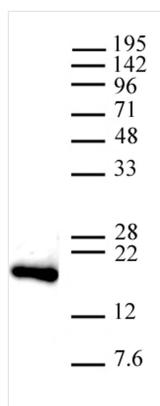
PRODUCT SYNONYMS

Histone H3; AbFlex Histone H3; C-terminal antibody (rAb; Rabbit); anti-H3 antibody

PRODUCT SPECIFICATIONS

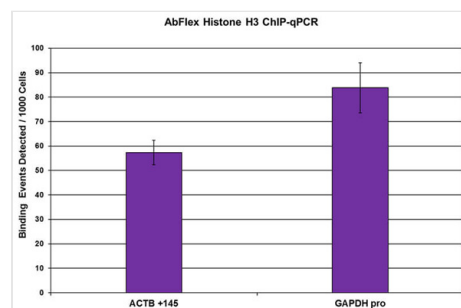
Host	Rabbit
Reactivity	Human
Isotype	IgG
Purity/Purification	Protein A Chromatography
Form/Format	Purified IgG in 140mM Hepes, pH7.5, 70mM NaCl, 32mM NaOAc, 0.035% sodium azide, 30% glycerol. Sodium azide is highly toxic.
Concentration	1ug/ul (varies by lot)
Applicable Applications for anti-H3 antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation)
Antibody Type	Recombinant Antibody
Immunogen	This antibody was raised against a peptide at the C-terminus of human 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



WB (Western Blot)

AbFlex Histone H3, C-term antibody tested by Western blot. 20 ug of HeLa nuclear extract* was run on SDS-PAGE and probed with AbFlex Histone H3, C-term antibody at 0.1 ug/ml.



ChIP (Chromatin Immunoprecipitation)

AbFlex Histone H3 antibody (rAb) tested by ChIP Chromatin immunoprecipitation (ChIP) was performed with 30 ug of chromatin from Farage human lymph-node derived B cells and 4.5 ug AbFlex Histone H3 antibody. ChIP DNA was used in qPCR with the gene-specific primers as indicated. Data are presented as Binding Events Detected per 1000 Cells using Epigenetic Services normalization scheme which accounts for primer efficiency and the amount of chromatin used in the ChIP reaction.

ADDITIONAL INFORMATION

Related Product Information for anti-H3 antibody	Short Description: AbFlex antibodies are recombinant antibodies (rAbs) that have been generated using defined DNA sequences to produce highly specific, reproducible antibodies. Each AbFlex antibody contains a 6xHis-tag, a Biotinylation Tag for enzymatic biotin conjugation using the biotin ligase, BirA, and a sortase recognition motif (LPXTG) to attach a variety of labels directly to the antibody including fluorophores, enzymatic substrates (HRP, AP), peptides, drugs as well as solid supports. Our AbFlex Histone H3, C-terminal antibody (rAb, Rabbit) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation and Western blot; it has been shown to react with Human samples. Background: AbFlex antibodies are recombinant antibodies (rAbs) that have been generated using defined DNA sequences to produce highly specific, reproducible antibodies. Each AbFlex antibody contains a 6xHis-tag, a Biotinylation Tag for enzymatic biotin conjugation using the biotin ligase, BirA, and a sortase recognition motif (LPXTG) to attach a variety of labels directly to the antibody including fluorophores, enzymatic substrates (HRP, AP), peptides, drugs as well as solid supports. AbFlex Histone H3, C-term was expressed as full-length IgG with rabbit immunoglobulin heavy and light chains in CHO cells. 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).
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.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-human-antibody/histone-h3/60287>