

Product datasheet

Anti-Histone H1.4 (phospho T18) antibody ab203624

[2 Images](#)

Overview

Product name	Anti-Histone H1.4 (phospho T18) antibody
Description	Rabbit polyclonal to Histone H1.4 (phospho T18)
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat
Immunogen	Synthetic peptide within Human Histone H1.4 aa 1-100 (phospho T18) conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: P10412 Run BLAST with Run BLAST with
Positive control	Mouse liver and cerebrum lysates, rat brain tissue, human colon carcinoma
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X
Purity	Protein A purified
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab203624 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/1000. Predicted molecular weight: 22 kDa.
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. When using a fluorescent probe use at 1/50 - 1/200

Target

Function

Histones H1 are necessary for the condensation of nucleosome chains into higher order structures.

Sequence similarities

Belongs to the histone H1/H5 family.
Contains 1 H15 (linker histone H1/H5 globular) domain.

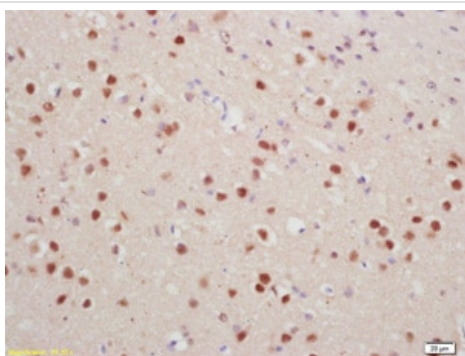
Post-translational modifications

Acetylated at Lys-26. Deacetylated at Lys-26 by SIRT1.

Cellular localization

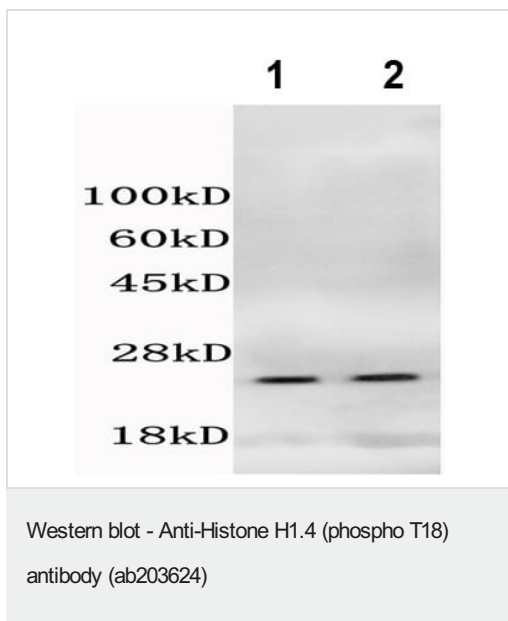
Nucleus. Chromosome.

Images



Immunohistochemical analysis of formalin fixed paraffin embedded rat brain labeling Histone H1.4 (phospho T18) with ab203624 at 1/200 followed by conjugation to the secondary antibody and DAB staining

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Histone H1.4 (phospho T18) antibody (ab203624)



All lanes : Anti-Histone H1.4 (phospho T18) antibody (ab203624) at 1/200 dilution

Lane 1 : Mouse liver lysate

Lane 2 : Mouse cerebrum lysate

Predicted band size: 22 kDa

Observed band size: 24 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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