

Product datasheet

SAT-alpha positive control ChIP primer pair ab269263

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Overview

Product name	SAT-alpha positive control ChIP primer pair
Description	SAT-alpha positive control ChIP primer pair
General notes	<p>Positive control ChIP-qPCR 5' and 3' primers for SAT-alpha. Use with SYBR green.</p> <p>We recommend these primers as a positive control (based on Abcam's testing) for the histone marks below. They may also be useful for other histone marks.</p> <p>Suitable positive control for:</p> <ul style="list-style-type: none">- Histone H3 tri methyl K9- Histone H3 phospho S28 <p>500pmole of each oligo per unit (lyophilised). HPLC purified, desalted and lyophilised as a sodium salt.</p> <p>Quantity provided is sufficient for approx. 200 reactions based on 2.5pmol of primer per reaction with a final concentration of 100nM in 25µl.</p> <p>Please contact us after purchase if you require the sequence of the oligos.</p>
Tested applications	Suitable for: ChIP

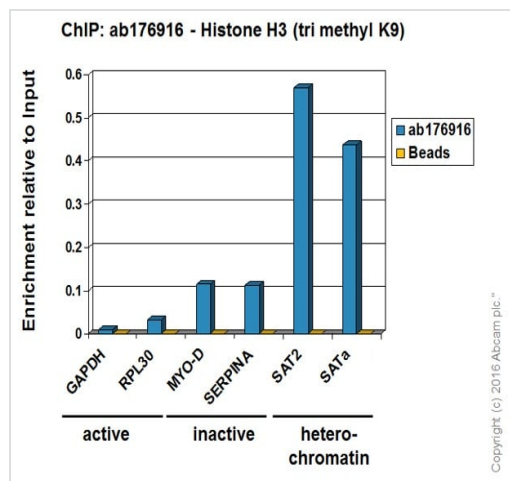
Properties

Form	Lyophilized
Storage instructions	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

Applications

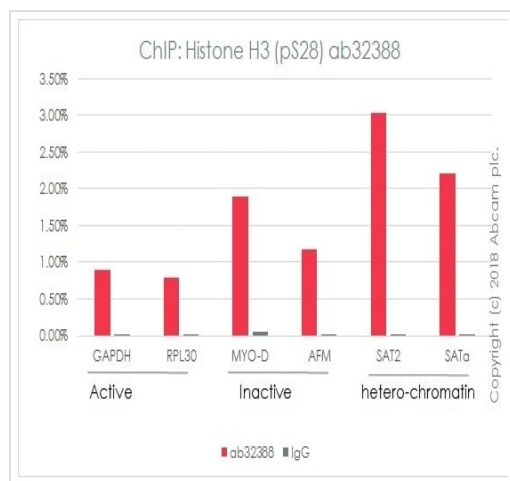
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab269263 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ChIP		Use at an assay dependent concentration.



ChIP - SAT-alpha positive control ChIP primer pair (ab269263)

Chromatin was prepared from HeLa cells according to the **Abcam X-ChIP protocol**. Cells were fixed with formaldehyde for 10 minutes. The ChIP was performed with 25µg of chromatin, 2µg of **ab176916** (blue), and 20µl of Protein A/G sepharose beads. No antibody was added to the beads control (yellow). The immunoprecipitated DNA was quantified by real time PCR (Taqman approach for active and inactive loci, Sybr green approach for heterochromatic loci). Primers and probes are located in the first kb of the transcribed region.



ChIP - SAT-alpha positive control ChIP primer pair (ab269263)

Chromatin was prepared from HeLa cells according to the **Abcam X-ChIP protocol**. Cells were fixed with formaldehyde for 10min. The ChIP was performed with 25 µg of chromatin, 5 µg of **ab32388** (red), and 20 µl of Protein A/G sepharose beads. Rabbit normal IgG was added to the beads control (gray). The immunoprecipitated DNA was quantified by real time PCR (Sybr green approach). Primers and probes are located in the first kb of the transcribed region.

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

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