

## Product datasheet

### Anti-HDAC6 (phospho S22) antibody ab61058

★★★★★ [7 Abreviews](#) [4 References](#) [1 Image](#)

#### Overview

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<b>Product name</b>	Anti-HDAC6 (phospho S22) antibody
<b>Description</b>	Rabbit polyclonal to HDAC6 (phospho S22)
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide corresponding to Human HDAC6 aa 1-100 (phospho S22). Database link: <a href="#">Q9UBN7</a>

#### General notes

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.

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

#### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride  Without Mg <sup>2+</sup> and Ca <sup>2+</sup>
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab61058 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

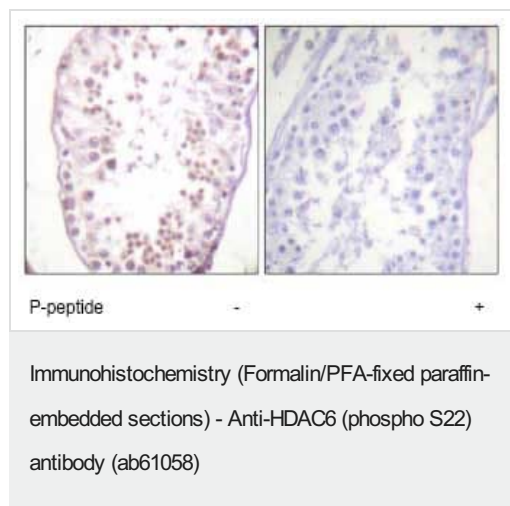
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab61058 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★★★★★ (1)	1/50 - 1/100.

## Target

<b>Function</b>	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes (By similarity). Plays a central role in microtubule-dependent cell motility via deacetylation of tubulin.
<b>Sequence similarities</b>	Belongs to the histone deacetylase family. HD type 2 subfamily. Contains 1 UBP-type zinc finger.
<b>Post-translational modifications</b>	Ubiquitinated. Its polyubiquitination however does not lead to its degradation. Sumoylated in vitro.
<b>Cellular localization</b>	Nucleus. Cytoplasm. It is mainly cytoplasmic, where it is associated with microtubules.

## Images



Immunohistochemistry analysis of paraffin-embedded human testis tissue using HDAC6 (phospho S22) antibody (ab61058) at 1/50 - 1/100 dilution, in the presence (right panel) and absence (left panel) of phosphopeptide.

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

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