

## HDAC7(Phospho Ser155) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP06592
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HDAC7A around the phosphorylation site of Ser155. AA range:121-170
<b>Mol wt</b>	102927
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Histone deacetylase 7
<b>Synonyms</b>	Histone deacetylase 7; HDAC7; HDAC7A; Histone deacetylase 7; HD7; Histone deacetylase 7A; HD7a

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene has sequence homology to members of the histone deacetylase family. This gene is orthologous to mouse HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

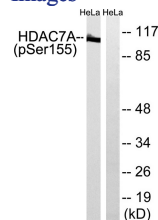
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from HeLa cells, using HDAC7A (Phospho-Ser155) Antibody. The lane on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year