

## Histone deacetylase 6 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03986
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HDAC6. AA range:1166-1215
<b>Mol wt</b>	131431
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Histone deacetylase 6 Antibody
<b>Synonyms</b>	HDAC6; KIAA0901; JM21; Histone deacetylase 6; HD6

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. Histone deacetylase 6 encoded by HDAC6 belongs to class II of the histone deacetylase/acuc/alpha family. It contains an internal duplication of two catalytic domains which appear to function independently of each other. This protein possesses histone deacetylase activity and represses transcription.

### Recommended Dilution

WB: 1: 500 - 1: 2000

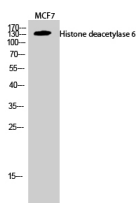
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

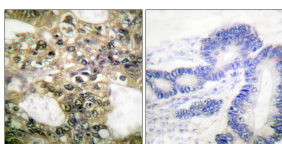
ELISA: 1: 20000

Not yet tested in other applications.

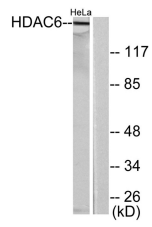
### Images



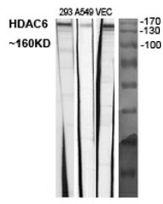
Western Blot analysis of MCF7 cells using Histone deacetylase 6 Polyclonal Antibody diluted at 1:2000



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using HDAC6 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, using HDAC6 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Histone deacetylase 6 Polyclonal Antibody diluted at 1:2000

### Storage

-20°C for one year

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