

# HDAC7 antibody [C2C3], C-term

**Cat. No. GTX114179**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, IP
<b>Reactivity</b>	Human

**Package**  
100 µl, 25 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:500-1:1000

Not tested in other applications.

**Calculated MW** 103 kDa. ([Note](#))

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1.75 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of human HDAC7. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated



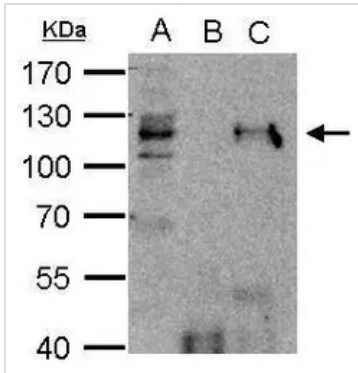
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**Note**

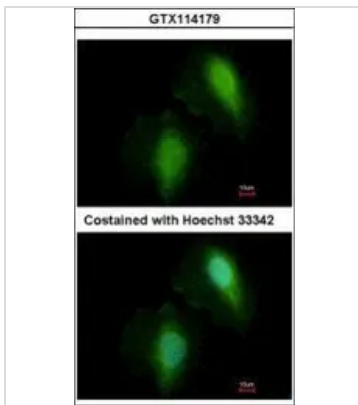
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DATA IMAGES



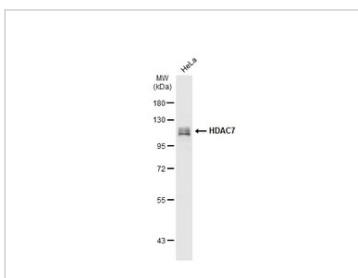
**GTX114179 IP Image**

HDAC7 antibody immunoprecipitates HDAC7 protein in IP experiments. IP Sample: 1000 µg 293T whole cell lysate/extract A. 50 µg 293T whole cell lysate/extract B. Control with 2 µg of preimmune rabbit IgG C. Immunoprecipitation of HDAC7 protein by 2 µg of HDAC7 antibody (GTX114179) 10% SDS-PAGE The immunoprecipitated HDAC7 protein was detected by HDAC7 antibody (GTX114179) diluted at 1:1000. EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent.



**GTX114179 ICC/IF Image**

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using HDAC7(GTX114179) antibody at 1:1000 dilution.



**GTX114179 WB Image**

Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with HDAC7 antibody [C2C3], C-term (GTX114179) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

The observed M.W. is based on the publication: [PMID: 19484127](https://pubmed.ncbi.nlm.nih.gov/19484127/)



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