

For Research Use Only

# HDAC7 Polyclonal antibody

Catalog Number: 15322-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 15322-1-AP	<b>GenBank Accession Number:</b> BC006453	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 51564	
<b>Source:</b> Rabbit	<b>Full Name:</b> histone deacetylase 7	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 103 kDa	
<b>Immunogen Catalog Number:</b> AG1101		

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
rat

## Background Information

Histone deacetylases (HDAC) are a class of enzymes that remove the acetyl groups from the lysine residues leading to the formation of a condensed and transcriptionally silenced chromatin. At least 4 classes of HDAC were identified. Just like other class II HDACs, HDAC7 shuttles in and out of the nucleus depending on different signals. This gene encoding human HDAC7 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. This antibody is a rabbit polyclonal antibody raised against residues near the C terminus of human HDAC7.

## Notable Publications

Author	Pubmed ID	Journal	Application
He Min M	23480850	J Cell Mol Med	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data