

For Research Use Only

# HDAC11 Polyclonal antibody

Catalog Number: 12204-1-AP



## Basic Information

<b>Catalog Number:</b> 12204-1-AP	<b>GenBank Accession Number:</b> BC009676	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 79885	<b>Recommended Dilutions:</b> WB 1:200-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96DB2	
<b>Isotype:</b> IgG	<b>Full Name:</b> histone deacetylase 11	
<b>Immunogen Catalog Number:</b> AG2848	<b>Calculated MW:</b> 347 aa, 39 kDa	
	<b>Observed MW:</b> 38 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> human, mouse, 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. HDAC11 belongs to Class IV HDACs. HDAC11 is localized to the nucleus and may be involved in regulating the expression of interleukin 10. Alternative splicing results in multiple transcript variants. This antibody is a rabbit polyclonal antibody raised against full length HDAC11 of human origin.

## Storage

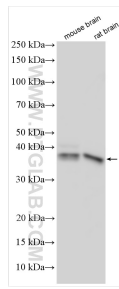
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12204-1-AP (HDAC11 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.