

For Research Use Only

# BRD7 Recombinant antibody

Catalog Number: 86176-1-RR



## Basic Information

<b>Catalog Number:</b> 86176-1-RR	<b>GenBank Accession Number:</b> BC050728	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 29117	<b>CloneNo.:</b> 250776E3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NPI1	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> bromodomain containing 7	
<b>Immunogen Catalog Number:</b> AG1461	<b>Calculated MW:</b> 651 aa, 74 kDa	
	<b>Observed MW:</b> 74-78 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, SH-SY5Y cells, COLO 320 cells
<b>Species Specificity:</b> human	

## Background Information

BRD7 (bromodomain containing 7), is a subunit of poly-bromo-associated BRG1-associated factor (PBAF)-specific Swi/Snf chromatin remodeling complexes. BRD7 is proposed as a tumor suppressor protein, since its identification as an important component of both functional p53 and BRCA1 (breast cancer 1, early onset) pathways. BRD7 could down-regulate the GSK3beta phosphotransferase activity as dephosphorylation of GSK3B at 'Tyr-216', thus activate the Wnt signaling pathway in a DVL1-dependent manner.

## Storage

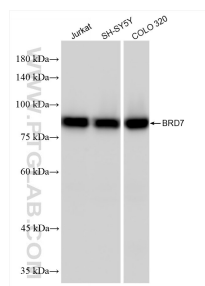
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86176-1-RR (BRD7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.