

For Research Use Only

# BRD7 Recombinant antibody

Catalog Number: 86176-2-RR



## Basic Information

### Catalog Number:

86176-2-RR

### Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1461

### GenBank Accession Number:

BC050728

### GeneID (NCBI):

29117

### UNIPROT ID:

Q9NPI1

### Full Name:

bromodomain containing 7

### Calculated MW:

651 aa, 74 kDa

### Observed MW:

74-78 kDa

### Purification Method:

Protein A purification

### CloneNo.:

250776B2

### Recommended Dilutions:

WB: 1:2000-1:10000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse

### Positive Controls:

WB: Jurkat cells, mouse lung tissue, PC-3 cells, SH-SY5Y cells, COLO 320 cells

## 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

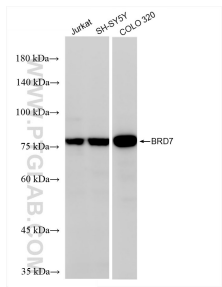
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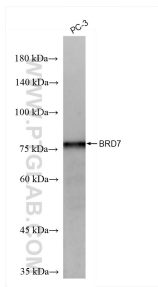
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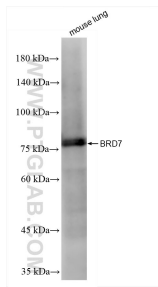
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86176-2-RR (BRD7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



PC-3 cells were subjected to SDS PAGE followed by western blot with 86176-2-RR (BRD7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



mouse lung tissue were subjected to SDS PAGE followed by western blot with 86176-2-RR (BRD7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.