

For Research Use Only

# BRD7 Recombinant antibody, PBS Only

Catalog Number: 86176-1-PBS



## Basic Information

<b>Catalog Number:</b> 86176-1-PBS	<b>GenBank Accession Number:</b> BC050728	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 29117	<b>CloneNo.:</b> 250776E3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NPI1	
<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

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
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

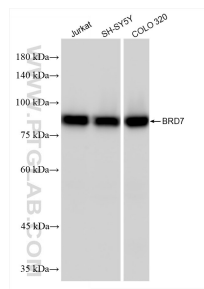
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

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 86176-1-RR (BRD7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86176-1-PBS in a different storage buffer formulation.