

For Research Use Only

# PJA2 Recombinant antibody, PBS Only

Catalog Number: 86366-2-PBS



## Basic Information

<b>Catalog Number:</b> 86366-2-PBS	<b>GenBank Accession Number:</b> BC030826	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9867	<b>CloneNo.:</b> 251077C8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O43164	
<b>Isotype:</b> IgG	<b>Full Name:</b> praja ring finger 2	
<b>Immunogen Catalog Number:</b> AG3434	<b>Calculated MW:</b> 708 aa, 78 kDa	
	<b>Observed MW:</b> 150 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

PJA2 is responsible for ubiquitination of cAMP-dependent protein kinase type I and type II-alpha/beta regulatory subunits and for targeting them for proteasomal degradation. It is also essential for PKA-mediated long-term memory processes.

## Storage

**Storage:**  
Store at -80°C.

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

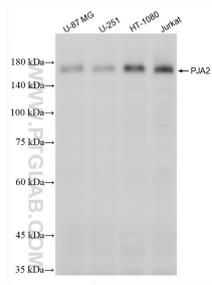
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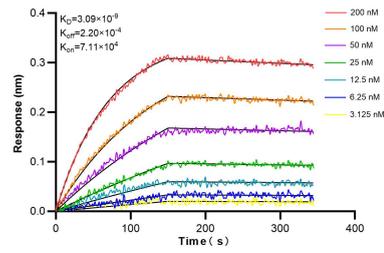
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## Selected Validation Data



U-87 MG cells were subjected to SDS PAGE followed by western blot with 86366-2-RR (PJA2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86366-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86366-2-RR against Human PJA2 were performed. The affinity constant is 3.09 nM.