

For Research Use Only

# RINT1 Recombinant antibody, PBS Only

Catalog Number: 84290-6-PBS



## Basic Information

<b>Catalog Number:</b> 84290-6-PBS	<b>GenBank Accession Number:</b> BC068483	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 60561	<b>CloneNo.:</b> 241592C4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6NUQ1	
<b>Isotype:</b> IgG	<b>Full Name:</b> RAD50 interactor 1	
<b>Immunogen Catalog Number:</b> AG6145	<b>Calculated MW:</b> 91 kDa	
	<b>Observed MW:</b> 87 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

RINT-1 was first identified as a Rad50-interacting protein that participates in radiation-induced G2/M checkpoint control. It also involved in regulation of membrane traffic between the endoplasmic reticulum and the Golgi. It interacts with p130, an Rb family protein, and together they regulate the telomerase-independent telomere length. Otherwise, it interacts with Zeste white 10 with its N-terminal region throughout the cell cycle.

## Storage

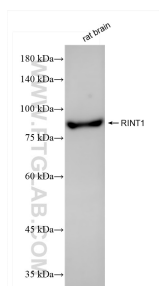
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

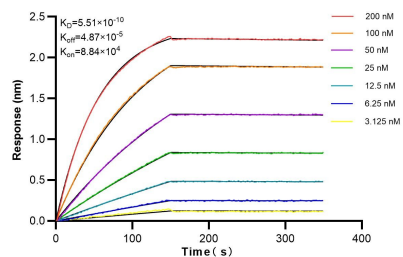
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## Selected Validation Data



rat brain tissue were subjected to SDS PAGE followed by western blot with 84290-6-RR (RINT1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84290-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84290-6-RR against Human RINT1 were performed. The affinity constant is 0.551 nM.