

For Research Use Only

# Phospho-RICTOR (Thr1135) Polyclonal antibody



Catalog Number: 29117-1-AP

## Basic Information

<b>Catalog Number:</b> 29117-1-AP	<b>GenBank Accession Number:</b> BC029608	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 450 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 253260	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> rapamycin-insensitive companion of mTOR	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 192 kDa	
	<b>Observed MW:</b> 192-200 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : PDGF treated PC-3 cells,
<b>Species Specificity:</b> Human	

## Background Information

Rictor is the core component of the mammalian target of rapamycin complex 2 (mTORC2), and loss of this protein leads to an immunodeficiency. RICTOR is regulated by phosphorylation at threonine 1135 (Thr1135) by S6K, downstream of PI3K, which inactivates mTORC2 and therefore inhibits AKT phosphorylation at Ser473. (PMID: 26356562, PMID: 28821013)

## Storage

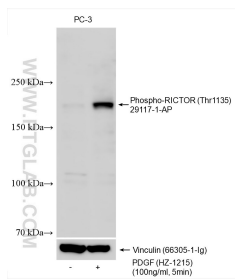
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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 W: ptglab.com

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## Selected Validation Data



Non-treated PC-3 and PDGF (HZ-1215) treated PC-3 cells were subjected to SDS PAGE followed by western blot with 29117-1-AP (Phospho-RICTOR (Thr1135) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Vinculin antibody as loading control.