

Datasheet for ABIN6146949  
**anti-RICTOR antibody (AA 1-245)**



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1 Image

## Overview

Quantity:	100 µL
Target:	RICTOR
Binding Specificity:	AA 1-245
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RICTOR antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-245 of human RICTOR (NP_689969.2).
Sequence:	MAAIGRGRSL KNLRVGRND SGEENVPLDL TREPSDNLRE ILQNVARLQG VSNMRKLGHL NNFTKLLCDI GHSEEKLGFH YEDIIICLRL ALLNEAKEVR AAGLRALRYL IQDSSILQKV LKLKVDYLIA RCIDIQSNE VERTQALRLV RKMIVNASL FPSSVTNSLI AVGNDGLQER DRMVRACIAI ICELALQNPE VVALRGGLNT ILKNVIDCQL SRINEALITT ILHLLNHPKT RQYVR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	RICTOR
Alternative Name:	RICTOR ( <a href="#">RICTOR Products</a> )
Background:	RICTOR and MTOR (FRAP1, MIM 601231) are components of a protein complex that integrates nutrient- and growth factor-derived signals to regulate cell growth (Sarbasov et al., 2004 [PubMed 15268862]).[supplied by OMIM, Mar 2008],RICTOR,AVO3,PIA,hAVO3,Epigenetics & Nuclear Signaling,Translation Control,Regulation of eIF4 and p70 S6 Kinase,Signal Transduction,PI3K-Akt Signaling Pathway,mTOR Signaling Pathway,Cell Biology & Developmental Biology,Cell Cycle,Cell cycle inhibitors,Endocrine & Metabolism,Insulin Receptor Signaling Pathway,Immunology & Inflammation,RICTOR
Molecular Weight:	28 kDa/192 kDa/195 kDa
Gene ID:	253260
UniProt:	<a href="#">Q6R327</a>
Pathways:	<a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">CXCR4-mediated Signaling Events</a>

## Application Details

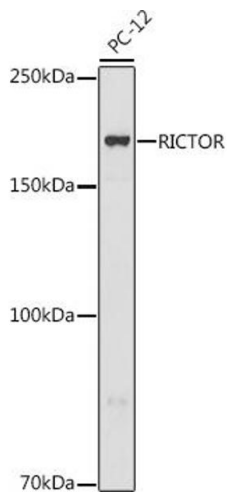
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of PC-12 cells, using RICTOR antibody (ABIN6132595, ABIN6146949, ABIN6146950 and ABIN6221730) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.