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Datasheet for ABIN531432 anti-RICTOR antibody (AA 1-265)

2 Images



Overview

Quantity:	100 µg
Target:	RICTOR
Binding Specificity:	AA 1-265
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RICTOR antibody is un-conjugated
Application:	Western Blotting (WB), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human RICTOR protein.
Immunogen:	RICTOR (AAH29608.1, 1 a.a. ~ 265 a.a) full-length human protein.
Sequence:	MAAIGRGRSL KNLRVRGRND SGEENVPLDL TREPSDNLRE ILQNVARLQG VSNMRKLGHL
	NNFTKLLCDI GHSEEKLGFH YEDIIICLRL ALLNEAKEVR AAGLRALRYL IQDSSILQKV LKLKVDYLIA
	RCIDIQQSNE VERTQALRLV RKMITVNASL FPSSVTNSLI AVGNDGLQER DRMVRACIAI
	ICELALQNPE VVALRGGLNT ILKNVIDCQL SRINEALITT ILHLLNHPKT RQYVRADVEL
	EVGTLIFFSS FKILL
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

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Target Details

Target:	RICTOR
Alternative Name:	RICTOR (RICTOR Products)
Background:	Full Gene Name: rapamycin-insensitive companion of mTOR Synonyms: DKFZp686B11164,KIAA1999,MGC39830,mAVO3
Gene ID:	253260
Pathways:	Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Regulation of Actin Filament Polymerization, CXCR4-mediated Signaling Events

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western Blot analysis of RICTOR expression in transfected 293T cell line by RICTOR MaxPab polyclonal antibody.

Lane 1: RICTOR transfected lysate(29.80 KDa). Lane 2: Non-transfected lysate.

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Images



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between RICTOR and RPS6KB1. HeLa cells were stained with anti-RICTOR rabbit purified polyclonal 1:1200 and anti-RPS6KB1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

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