Datasheet for ABIN7265290

anti-Raptor antibody (pSer792)

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1 Image

Overview

Quantity:	200 µL
Target:	Raptor (RPTOR)
Binding Specificity:	pSer792
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Raptor antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A phospho specific peptide corresponding to residues surrounding Ser792 of human RPTOR
Isotype:	IgG
Characteristics:	Phosphorylated antibody
Purification:	Affinity purification

Target Details

Target:	Raptor (RPTOR)
Alternative Name:	RPTOR (RPTOR Products)
Background:	This gene encodes a component of a signaling pathway that regulates cell growth in response to nutrient and insulin levels. The encoded protein forms a stoichiometric complex with the

Target Details

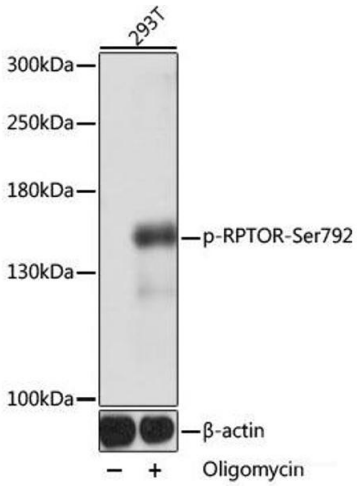
	mTOR kinase, and also associates with eukaryotic initiation factor 4E-binding protein-1 and ribosomal protein S6 kinase. The protein positively regulates the downstream effector ribosomal protein S6 kinase, and negatively regulates the mTOR kinase. Multiple transcript variants encoding different isoforms have been found for this gene.
Gene ID:	57521
UniProt:	Q8N122
Pathways:	PI3K-Akt Signaling, RTK Signaling, AMPK Signaling, Regulation of Muscle Cell Differentiation, Regulation of Cell Size, Skeletal Muscle Fiber Development, Autophagy, BCR Signaling, Warburg Effect

Application Details

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

Handling

Format:	Liquid
Concentration:	1 mg/mL
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 293T cells using Phospho-RPTOR(Ser792) Polyclonal Antibody at dilution of 1:1000. 293T cells were treated by Oligomycin (0. 5 uM) at 37 °C for 30 minutes after serum-starvation overnight.

