For Research Use Only

Phospho-mTOR (Ser2448) Polyclonal antibody

Catalog Number:28881-1-AP

3 Publications

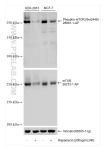


Basic Information	Catalog Number: 28881-1-AP	GenBank Accession Number: BC117166	Purification Method: Antigen affinity purification	
	Size: 100ul , Concentration: 450 ug/ml by Nanodrop; Source: Rabbit Isotype: IgG	GeneID (NCBI):	Recommended Dilutions:	
			WB 1:1000-1:4000	
		UNIPROT ID: P42345		
		Full Name:		
		FK506 binding protein 12-rapamycin associated protein 1		
		Calculated MW: 289 kDa		
		Observed MW: 250-289 kDa		
Applications	Tested Applications:	Positive Controls:		
	WB, ELISA	WB : Rapamycin treated HEK-293T cells, MCF-7 cells		
	Cited Applications: WB	Rapamycin treated cells, HEK-293T cells		
	Species Specificity:			
	human Cited Section			
	Cited Species: human			
	MTOP also named as EPAP1 EPAP E	DAD2 and DADT1 holongs to the DI	7/DL4 kinoco family MTOD is a Sor/Thr	
Background Information	MTOR is kinase subunit of both mTO nutrient and hormonal signals. mTO activated by growth factors, but seen GTPases to regulate the actin cytoske exchange factors. mTORC2 promotes	TP and amino acid sensor to balance RC1 and mTORC2, which regulate of RC1 is activated in response to grow ns to be nutrient-insensitive. mTOR eleton, probably by activating one of the serum-induced formation of st 13 kinase/Akt signaling pathway ar	C2 seems to function upstream of Rho or more Rho-type guanine nucleotide ress-fibers or F-actin. mTOR is nd autophosphorylated at Ser2481. mTOR	
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For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

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Selected Validation Data



Non-treated and Rapamycin treated lysates were subjected to SDS PAGE followed by western blot with 28881-1-AP (Phospho-mTOR (Ser2448) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with mTOR antibody (28273-1-AP) and Vinculin (66305-1-lg) subsequently.