For Research Use Only

Raptor Polyclonal antibody

Catalog Number:20984-1-AP

Featured Product 51 Publications

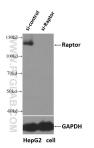


Basic Information	Catalog Number: 20984-1-AP	GenBank Accession Number: NM_020761		Purification Me Antigen affinit	
	Size: 150ul , Concentration: 600 ug/ml by Nanodrop; Source: Rabbit Isotype: IgG	GeneID (NCBI): 57521 UNIPROT ID: Q8N122 Full Name: raptor Calculated MW: 149 kDa Observed MW:		Recommended WB: 1:2000-1:1:	Dilutions: 2000 rr 1.0-3.0 mg of total
Angliactions	Tested Applications:	130-150 kDa	Positive Co	ontrols	
Applications	WB IE/ICC IP ELISA			WB : HEK-293 cells, HepG2 cells, HeLa cells, mouse	
	Cited Applications: liver tiss			ue 293 cells,	
	WB, IHC, IF, IP, PLA IP : HEK-29 Species Specificity:				
	human, mouse	IF/ICC : U2OS cells,			
	Cited Species:				
Background Information	human, mouse, rat, rabbit RPTOR, also named as KIAA1303 and	I RAPTOR Belongs	to the WD repeat (RAPTOR family. It is	s involved in the contr
Background Information	human, mouse, rat, rabbit	tin complex 1 (mTC d hormonal signal growth factors or a d-induced relocali esis by phosphoryla EIF4EBP1 and relea d activates S6K1 at	ORC 1) activity wh s; functions as a si mino-acids. Amin zation of mTOR w ating key regulato ases it from inhibi t 'Thr-389', which t	nich regulates cell g caffold for recruitin no-acid-signaling to vithin the endomem ors of mRNA transla iting the elongation then promotes prote	rowth and survival, ar g mTORC1 substrates. mTORC1 is mediated brane system. Activat tion and ribosome i initiation factor 4E
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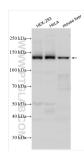
For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

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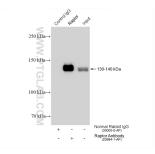
Selected Validation Data



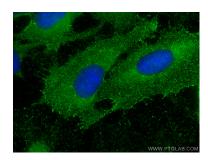
WB result of Raptor antibody (20984-1-AP, 1:500) with si-control and si-Raptor transfected HepG2 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 20984-1-AP (Raptor antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP result of anti-Raptor (IP:20984-1-AP, 4ug; Detection:20984-1-AP 1:4000) with HEK-293 cells lysate 1400 ug.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using Raptor antibody (20984-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).