

产品名称: RPTOR Mouse Monoclonal Antibody
产品货号: AMM81349



产品概述 (Summary)

产品名称 (Production Name)	RPTOR Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC, ICC, ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	RPTOR
别名 (Alternative Names)	KOG1; Mip1
基因 ID (Gene ID)	57521.0
蛋白 ID (SwissProt ID)	Q8N122. Purified recombinant fragment of human RPTOR (AA: 874-1009) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000, ICC 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	149kDa

研究背景 (Background)

This gene encodes a component of a signaling pathway that regulates cell growth in response to nutrient and insulin levels.

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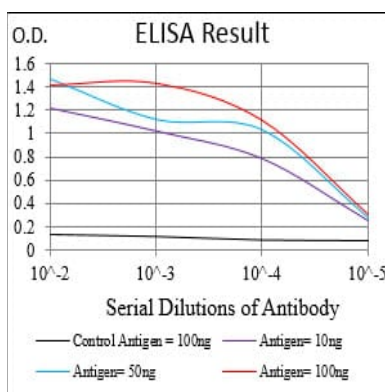


The encoded protein forms a stoichiometric complex with the mTOR kinase, and also associates with eukaryotic initiation factor 4E-binding protein-1 and ribosomal protein S6 kinase. The protein positively regulates the downstream effector ribosomal protein S6 kinase, and negatively regulates the mTOR kinase. Multiple transcript variants encoding different isoforms have been found for this gene.

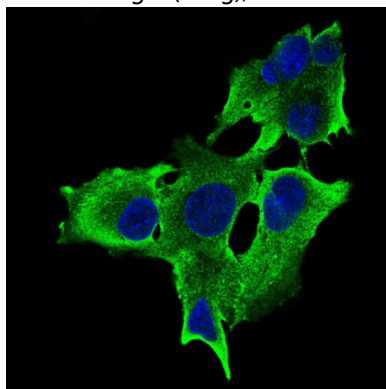
研究领域 (Research Area)

PI3K-Akt signaling pathway, mTOR signaling pathway

图片 (Image Data)



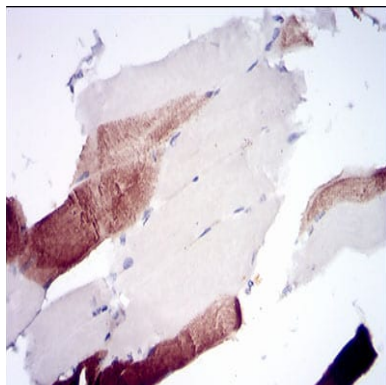
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Immunofluorescence analysis of HepG2 cells using RPTOR mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

Secondary antibody from Fisher (Cat#: 35503)

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Immunohistochemical analysis of paraffin-embedded human muscle tissues using RPTOR mouse mAb with DAB staining.

注意事项 (Note)

For research use only .