

产品名称: Phospho-mTOR (Ser2448) Rabbit Monoclonal Antibody
产品货号: AMRe84868



产品概述 (Summary)

产品名称 (Production Name)	Phospho-mTOR (Ser2448) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
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 TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Phospho-mTOR (Ser2448) MTOR; FRAP; FRAP1; FRAP2; RAFT1; RAPT1; Serine/threonine-protein kinase mTOR; FK506-binding protein 12-rapamycin complex-associated protein 1; FKBP12-rapamycin complex-associated protein; Mammalian target of rapamycin; mTOR; Mechanistic tar
别名 (Alternative Names)	
基因 ID (Gene ID)	2475.0
蛋白 ID (SwissProt ID)	P42345.A synthetic phosphopeptide corresponding to residues surrounding Ser2448 of human mTOR

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稀释比 (Dilution Ratio)

WB 1:500-1:1000, IHC 1:50-1:100

蛋白分子量 (Molecular Weight)

Calculated MW: 289 kDa; Observed MW: 289 kDa

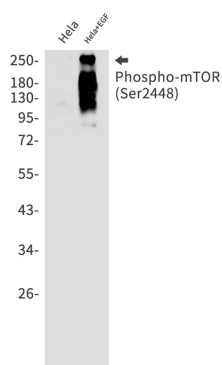
研究背景 (Background)

An atypical kinase belonging to the PIKK family of kinases. Controls cell growth through protein synthesis regulation. Downstream of PI3K/Akt pathway and required for cell survival. Acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex.

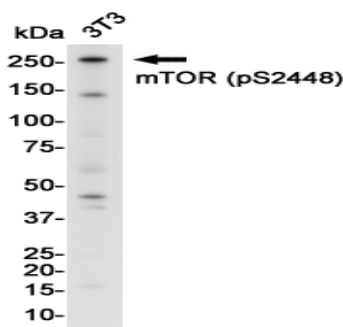
研究领域 (Research Area)

PI3K-Akt signaling pathway, mTOR signaling pathway, Jak-STAT signaling pathway, Hippo signaling pathway

图片 (Image Data)

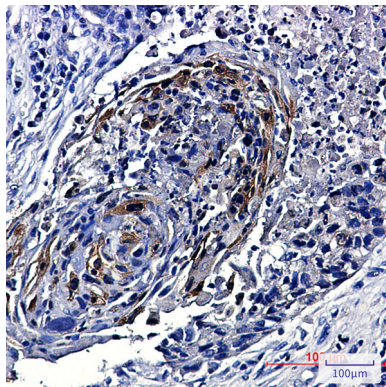


Western blot analysis of Phospho-mTOR (Ser2448) in HeLa, HeLa+EGF lysates using Phospho-mTOR (Ser2448) antibody.



Western blot analysis of mTOR (Phospho-Ser2448) in 3T3 lysates using mTOR (Phospho-Ser2448) antibody.

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Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Phospho-mTOR (Ser2448) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .