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# Phospho-mTOR-S2481 Rabbit pAb

货号: **AYP15057**

## 产品信息

反应	Human,Mouse,
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	288kDa
实测分子量	289kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	C2C12
细胞定位	Cytoplasm,Cytoplasmic side,Endoplasmic reticulum membrane,Golgi apparatus membrane,Lysosome,Mitochondrion outer membrane,Nucleus,PML body,Peripheral membrane protein
纯化	Affinity purification

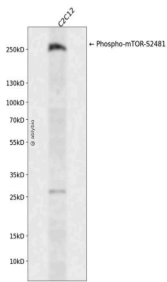
## 抗原信息

抗原信息	A synthetic phosphorylated peptide around S2481 of human mTOR (NP_004949.1).
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## 靶点信息

研究背景	The protein encoded by this gene belongs to a family of phosphatidylinositol kinase-related kinases. These kinases mediate cellular responses to stresses such as DNA damage and nutrient deprivation. This protein acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex. The ANGPTL7 gene is located in an intron of this gene.
基因ID	2475
基因名	MTOR
Swiss	P42345 ( <a href="https://www.uniprot.org/uniprotkb/P42345/entry">https://www.uniprot.org/uniprotkb/P42345/entry</a> )
别名	FRAP,FRAP1,FRAP2,RAFT1,RAPT1,SKS,mTOR,Phospho-mTOR-S2481 Rabbit pAb,FK506-binding protein 12-rapamycin complex-associated protein 1,FKBP12-rapamycin complex-associated protein,Mammalian target of rapamycin,Mechanistic target of rapamycin,Rapamycin and FKBP12 target 1

## 产品验证



Western blot analysis of Phospho-mTOR-S2481 expressed in C2C12 using Phospho-mTOR-S2481 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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