

mTOR (Phospho Ser2481) (9Z1) Rabbit Monoclonal Antibody

Catalog# HZ-YMA00650

Product information

产品货号	HZ-YMA00650
别名	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 target of rapamycin
产品名称	mTOR (Phospho Ser2481) (9Z1) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	MTOR
推荐应用	WB,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	2475
Human Swissprot No.	P42345
稀释度	WB 1:2000-1:10000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:5000-1:20000
参考分子量	289kDa
预测分子量	289kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	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. [provided by RefSeq, Sep 2008],
细胞定位	Endoplasmic reticulum membrane ; Peripheral membrane protein ; Cytoplasmic side . Golgi apparatus membrane ; Peripheral membrane protein ; Cytoplasmic side . Mitochondrion outer membrane ; Peripheral membrane protein ; Cytoplasmic side . Lysosome . Cytoplasm . Nucleus, PML body . Microsome membrane . Lysosome membrane . Cytoplasmic vesicle, phagosome . Shuttles between cytoplasm and nucleus. Accumulates in the nucleus in response to hypoxia (By similarity). Targeting to lysosomes depends on amino acid availability and RAGA and RAGB (PubMed:18497260, PubMed:20381137). Lysosome targeting also depends on interaction with MEAK7. Translocates to the lysosome membrane in the presence of TM4SF5 (PubMed:30956113). .
纯化	Protein A
Clonality	Monoclonal