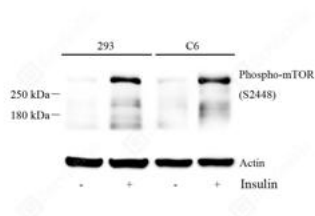


Product name:	Anti-Phospho-mTOR(S2448) Rabbit pAb
Cat number:	ABS114686
Conjugate:	unconjugated
Host:	Rabbit
Size:	100 µL
Synonyms:	FK506-binding protein 12-rapamycin complex-associated protein 1, Mammalian target of rapamycin, Rapamycin target protein 1, FRAP, FRAP1, FRAP2, RAFT1, RAPT1, mTOR, P-MTOR
Concentration:	1mg/ml
Isotype:	IgG
Immunogen:	KLH conjugated Synthetic phosphopeptide corresponding to Human mTOR(S2448)
Reactivity:	Species, Human, Rat
Applications:	Applications Dilution WB 1: 500-1: 1000
Purification:	Affinity purification
Background:	MTOR, also named as FRAP1, FRAP, FRAP2 and RAPT1, belongs to the PI3/PI4-kinase family. MTOR is a Ser/Thr protein kinase that functions as an ATP and amino acid sensor to balance nutrient availability and cell growth. MTOR is kinase subunit of both mTORC1 and mTORC2, which regulate cell growth and survival in response to nutrient and hormonal signals. MTOR has a calculated molecular mass of 289 kDa, and always can be detected at about 250 kDa due to some modifications.
Form:	Liquid
Buffer:	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.
Storage:	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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WB analysis of
Phospho-mTOR. Sample: Protein
treated by RIPA Lysis Buffer .Blocking
buffer: 3% Nonfat dry milk in TBST, RT,
1h. Primary antibody: 1: 500, 4°C
overnight. Secondary antibody: HRP
conjugated Goat Anti-Rabbit IgG , 1:
5000, RT, 1h.