

RPS6KB1 antibody

Product Information

Catalog No.:	FNab06090
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

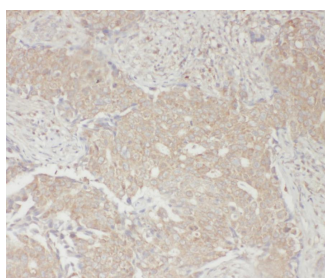
RPS6KB1(Ribosomal protein S6 kinase beta-1) is also named as STK14A, p70 S6KA and belongs to the S6 kinase subfamily. RPS6KB1 is a major substrate of MTOR and acts as a crucial effector of MTOR signaling pathway and it plays a key role in cell growth and proliferation by regulating insulin sensitivity, metabolism, protein synthesis, and cell cycle. RPS6KB1 may play an important role in the progression of HCC and could serve as a potential molecular target for HCC therapy.(PMID:22684641). It has 2 isoforms produced by alternative initiation.

Immunogen information

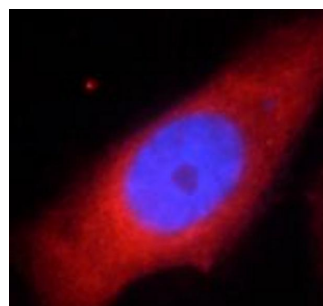
Immunogen:	ribosomal protein S6 kinase, 70kDa, polypeptide 1
Synonyms:	Ribosomal protein S6 kinase beta-1 (S6K-beta-1, S6K1) 70 kDa ribosomal protein S6 kinase 1 (P70S6K1, p70-S6K 1) Ribosomal protein S6 kinase I Serine/threonine-protein kinase 14A p70 ribosomal S6 kinase alpha (p70 S6 kinase alpha, p70 S6K-alpha, p70 S6KA) RPS6KB1 STK14A
Observed MW:	65-70 kDa
Uniprot ID :	P23443

Application

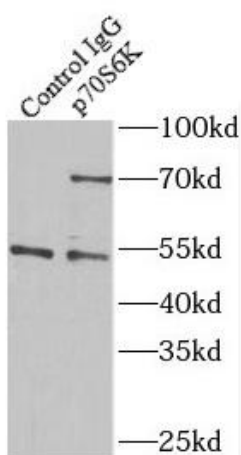
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, IP, FC
Recommended dilution:	WB: 1:500-1:5000; IP: 1:500-1:5000; IHC: 1:100-1:400; IF: 1:10-1:100
Image:	



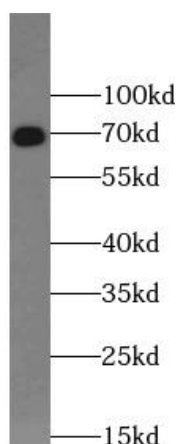
Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using FNab06090(p70(S6K) Antibody) at dilution of 1:200



Immunofluorescent analysis of HepG2 cells using FNab06090 (p70S6K Antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG



IP Result of anti-p70S6K (IP:FNab06090, 3ug; Detection:FNab06090 1:1000) with HeLa cells lysate 3000ug.



HeLa cells were subjected to SDS PAGE followed by western blot with FNab06090(p70(S6K) antibody) at dilution of 1:1200