

Recombinant

DGRmAb®

S6K1 (DGR12050) Rabbit mAb

db12507

Package : 10µL 20µL 50µL 100µL

Product Name : S6K1 (DGR12050) Rabbit mAb**Cat.No.:** db12507**Synonyms** : S6K; PS6K; S6K1; STK14A; p70-S6K; p70 S6KA; p70-alpha; S6K-beta-1; p70(S6K)-alpha**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a member of the ribosomal S6 kinase family of serine/threonine kinases. The encoded protein responds to mTOR (mammalian target of rapamycin) signaling to promote protein synthesis, cell growth, and cell proliferation. Activity of this gene has been associated with human cancer. Alternatively spliced transcript variants have been observed. The use of alternative translation start sites results in isoforms with longer or shorter N-termini which may differ in their subcellular localizations. There are two pseudogenes for this gene on chromosome 17. [provided by RefSeq, Jan 2013]

Immunogen

A synthetic peptide of human S6K1

Gene ID

6198

Swiss Prot

P23443

Synonyms

S6K; PS6K; S6K1; STK14A; p70-S6K; p70 S6KA; p70-alpha; S6K-beta-1; p70(S6K)-alpha

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:200-1:500

ICC/IF: 1:200-1:500

FC: 1:100-1:2000

IP: 1:100

Calculated MW

59 kDa

Observed MW

70 kDa

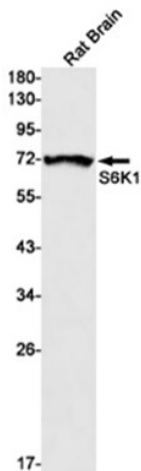
Host species

Rabbit

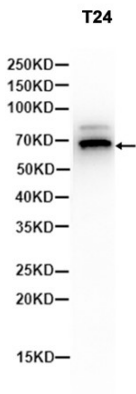
Clonality

Monoclonal

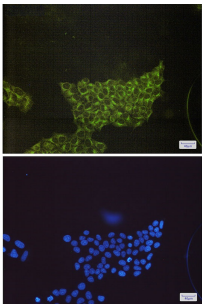
Clonality No.	DGR12050
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of S6K1 in Rat Brain lysates using S6K1 antibody(1:1000 diluted).



Western blot analysis of extracts from T24 cells using db12507 at 1:1000.



Immunofluorescent analysis of HeLa cells using db12507 antibody (green), and DAPI (blue).