

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

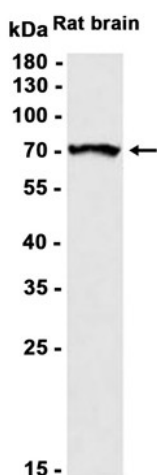
**Host species**

Rabbit

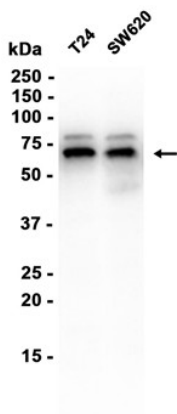
**Clonality**

Monoclonal

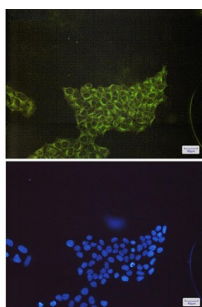
<b>Clonality No.</b>	DGR12050
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



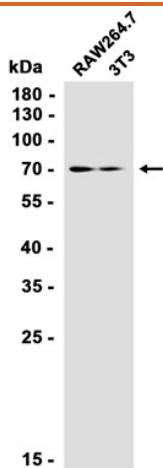
Western blot analysis of extracts from Rat brain tissue using db12507 at 1:1000.



Western blot analysis of extracts from T24, SW620 cells using db12507 at 1:1000.



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



Western blot analysis of extracts from RAW264.7, 3T3 cells using db12507 at 1:1000.