

bs-5671R**[Primary Antibody]****phospho-RPS6KB1 (Ser434) Rabbit pAb****Bioss**
ANTIBODIES

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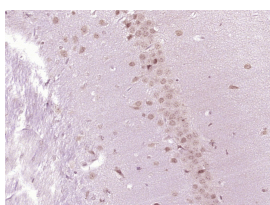
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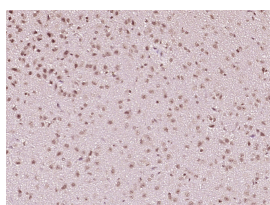
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— DATASHEET —

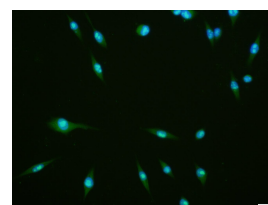
Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100)
Clonality: Polyclonal		
GeneID: 6198	SWISS: P23443	
Target: RPS6KB1 (Ser434)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human RPS6KB1 around the phosphorylation site of Ser434: IR(p-S)PR.		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Chicken, Dog, Horse)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 58 kDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Cytoplasm ,Nucleus
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]		

— VALIDATION IMAGES —

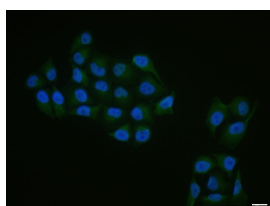
Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-RPS6KB1(Ser434)) Polyclonal Antibody, Unconjugated (bs-5671R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-RPS6KB1(Ser434)) Polyclonal Antibody, Unconjugated (bs-5671R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



NIH/3T3 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (phospho-RPS6KB1 (Ser434)) polyclonal Antibody, Unconjugated (bs-5671R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (phospho-

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

RPS6KB1 (Ser434)) polyclonal Antibody,
Unconjugated (bs-5671R) 1:100, 90 minutes at
37°C; followed by a conjugated Goat Anti-Rabbit
IgG antibody at 37°C for 90 minutes, DAPI (blue,
C02-04002) was used to stain the cell nuclei.

— SELECTED CITATIONS —

- **[IF=7.8]** Hongbo Ai. et al. Osteoclast-derived apoptotic bodies accelerate the pathological progression of osteoarthritis via disturbing subchondral bone remodeling. J ORTHOP TRANSL. 2025 Mar;51:108 WB ;Mouse. 40123999