

Anti-RPS6KC1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Pig,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 119 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (RPS6KC1) Polyclonal Antibody, Unconjugated (TMAB-12377) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human RPS6KC1
Antigen Species:	Human
Gene ID:	26750
Uniprot ID:	Q96S38

Research Background

p52 S6 kinase, also known as RPS6KC1 (ribosomal protein S6 kinase, 52kDa, polypeptide 1) or RPK118, is a 1,066 amino acid member of the Ser/Thr kinase family that localizes to both the cytoplasm and the nucleus and contains one MIT domain, one PX domain and two protein kinase domains. Expressed at high levels in brain, placenta, heart, testis, kidney, liver and skeletal muscle, p52 S6 kinase catalyzes the ATP-dependent phosphorylation of target proteins and is thought to be involved in transmitting sphingosine-1 phosphate (SPP)-mediated signaling into the cell.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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