

p52 S6 kinase Polyclonal Antibody

Cat No: HR1AP6625

For research use only

Overview

Product Name	p52 S6 kinase Polyclonal Antibody
Source	Rabbit
Applications	WB,IF,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	117kDa
GeneID?Human?	RPS6KC1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	RPS6KC1; RPK118; Ribosomal protein S6 kinase delta-1; S6K-delta-1; 52 kDa ribosomal protein S6 kinase; Ribosomal S6 kinase-like protein with two PSK domains 118 kDa protein; SPHK1-binding protein
Background	<p>catalytic activity:ATP + a protein = ADP + a phosphoprotein.,caution:Instead of Lys-820, Arg-820 is found at the binding site.,domain:The first protein kinase domain appears to be a pseudokinase domain as it does not contain the classical characteristics, such as the ATP-binding motif, ATP-binding site and active site.,function:May be involved in transmitting sphingosine-1 phosphate (SPP)-mediated signaling into the cell.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. S6 kinase subfamily.,similarity:Contains 1 MIT domain.,similarity:Contains 1 PX (phox homology) domain.,similarity:Contains 2 protein kinase domains.,subcellular location:Also found in some small dot-like or ring-shaped early endosome structures.,subunit:Interacts with SPHK1 and phosphatidylinositol 3-phosphate.,tissue specificity:Highly expressed in testis, skeletal muscle, brain, heart, placenta, kidney and liver and weakly expressed in thymus, small intestine, lung and colon.,</p>