

## P70S6k protein

<b>Catalog No :</b>	YD0127
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB;SDS-PAGE
<b>Gene Name :</b>	RPS6KB1
<b>Protein Name :</b>	P70S6k protein
<b>Sequence :</b>	Amino acid: 211-347, with his-MBP tag.
<b>Human Gene Id :</b>	6199
<b>Human Swiss Prot No :</b>	Q9UBS0
<b>Mouse Swiss Prot No :</b>	Q9Z1M4
<b>Formulation :</b>	Liquid in PBS
<b>Source :</b>	E.coli
<b>Dilution :</b>	WB 1:500-2000
<b>Concentration :</b>	SDS-PAGE >90%
<b>Storage Stability :</b>	-20 °C/6 month, -80 °C for long storage
<b>Background :</b>	<p>catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Phosphorylates specifically ribosomal protein S6.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 protein kinase domain.,</p>
<b>Function :</b>	<p>translation, protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process,intracellular signaling cascade, protein kinase cascade, phosphorylation, protein kinase B signaling cascade,</p>

**Subcellular  
Location :**

Cytoplasm. Nucleus.

## Products Images

