

P70S6k protein

Catalog No :	YD0127
Reactivity :	Human
Applications :	WB;SDS-PAGE
Gene Name :	RPS6KB1
Protein Name :	P70S6k protein
Sequence :	Amino acid: 211-347, with his-MBP tag.
Human Gene Id :	6199
Human Swiss Prot No :	Q9UBS0
Mouse Swiss Prot No :	Q9Z1M4
Formulation :	Liquid in PBS
Source :	E.coli
Dilution :	WB 1:500-2000
Concentration :	SDS-PAGE >90%
Storage Stability :	-20 °C/6 month,-80 °C for long storage
Background :	<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>
Function :	<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

