RPS6 (phospho S240) polyclonal antibody (Biotin)

Catalog # PAB27982 Size 20 ug

Specification

Product Description	Chicken polyclonal antibody against synthetic phosphopeptide of RPS6.
Immunogen	Synthetic phosphopeptide corresponding to amino acids of RPS6
Sequence	LSSLRA(pS)TSK
Host	Chicken
Reactivity	Human
Form	Liquid
Conjugation	Biotin
Purification	Antigen affinity purification
Concentration	0.2 mg/mL
Isotype	IgY
Storage Buffer	In Phosphate-Buffered Saline with 0.02% Sodium Azide.
Storage Instruction	Store at 4°C. For long term storage, aliquot and store at -20°C. Avoid repeated freezing and thawing cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immuno-MRM (multiple reaction monitoring)

Gene Info — RPS6

Entrez GeneID	6194
Gene Name	RPS6
Gene Alias	-
Gene Description	ribosomal protein S6
Omim ID	180460
Gene Ontology	Hyperlink
Gene Summary	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a cytoplasmic ribosomal protein that is a component of the 40S subunit. The protein belongs to the S6E family of ribosomal proteins. It is the major substrate of protein kinases in the ribosome, with subsets of five C-terminal serine residues phosphorylated by different protein kinases. Phosphorylation is induced by a wide range of stimuli, including growth factors, tumor-promoting agents, and mitogens. Dephosphorylation occurs at growth arrest. The protein may contribute to the control of cell growth and proliferation through the selective translation of particular classes of mRNA. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq
Other Designations	40S ribosomal protein S6|OTTHUMP00000021120|phosphoprotein NP33

Pathway

- Insulin signaling pathway
- mTOR signaling pathway
- Ribosome