# **RPS4Y1** polyclonal antibody

Catalog # PAB17575 Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of extracts from COLO cells (Lane 1), HeLa cells (Lane 2) and HUVEC cells (Lane 3 and lane 4), using RPS4Y1 polyclonal antibody (Cat # PAB17575). Peptide "+" means "with peptide blocking".



#### Immunofluorescence

Immunofluorescence analysis of HUVEC cells, using RPS4Y1 polyclonal antibody (Cat # PAB17575). Peptide "+" means "with peptide blocking".

Specification	
Product Description	Rabbit polyclonal antibody raised against synthetic peptide of RPS4Y1.
Immunogen	A synthetic peptide corresponding to C-terminus of human RPS4Y1.
Host	Rabbit
Reactivity	Human
Specificity	This antibody detects endogenous levels of total RPS4Y1 protein.
Form	Liquid



### **Product Information**

Recommend Usage	Western Blot (1:500-1:1000) Immunofluorescence (1:500-1:1000) ELISA (1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

### Applications

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Enzyme-linked Immunoabsorbent Assay

## Gene Info — RPS4Y1

Entrez GenelD	<u>6192</u>
Protein Accession#	<u>P22090</u>
Gene Name	RPS4Y1
Gene Alias	MGC119100, MGC5070, RPS4Y
Gene Description	ribosomal protein S4, Y-linked 1
Omim ID	<u>470000</u>
Gene Ontology	<u>Hyperlink</u>



### **Product Information**

Gene SummaryCytoplasmic ribosomes, organelles that catalyze protein synthesis, consist of a small 40S subunit<br/>and a large 60S subunit. Together these subunits are composed of 4 RNA species and approxim<br/>ately 80 structurally distinct proteins. This gene encodes ribosomal protein S4, a component of th<br/>e 40S subunit. Ribosomal protein S4 is the only ribosomal protein known to be encoded by more<br/>than one gene, namely this gene and ribosomal protein S4, X-linked (RPS4X). The 2 isoforms en<br/>coded by these genes are not identical, but are functionally equivalent. Ribosomal protein S4 belo<br/>ngs to the S4E family of ribosomal proteins. It has been suggested that haploinsufficiency of the ri<br/>bosomal protein S4 genes plays a role in Turner syndrome; however, this hypothesis is controvers<br/>ial. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogen<br/>es of this gene dispersed through the genome. [provided by RefSeqOther Designations40S ribosomal protein S4, Y|ribosomal protein S4Y

#### Pathway

<u>Ribosome</u>