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# Rabbit Anti-RPS4Y1/AF350 Conjugated antibody

SL18825R-AF350

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|---|---|
| **Product Name** | Anti-RPS4Y1/AF350 |
| **Chinese Name** | AF350 标记的核糖体蛋白 S4Y 抗体 |
| **Alias** | 40S ribosomal protein S4; 40S ribosomal protein S4, Y; 40S ribosomal protein S4, Y isoform 1; MGC119100; MGC5070; ribosomal protein S4, Y linked 1; ribosomal protein S4, Y linked; ribosomal protein S4, Y-linked 1; ribosomal protein S4Y; RPS4Y; RPS4Y1; RS4Y1_HUMAN; S4; Y isoform 1. |
| **Research Area** | Cell biology immunology transcriptional regulatory factor Epigenetics |
| **Immunogen Species** | Rabbit |
| **Clonality** | Polyclonal |
| **React Species** | Human |
| **Applications** | IF=1:100-500<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Molecular weight** | 29kDa |
| **Form** | Lyophilized or Liquid |
| **Concentration** | 1mg/ml |
| **immunogen** | KLH conjugated synthetic peptide derived from human RPS4Y1 |
| **Lsotype** | IgG |
| **Purification** | affinity purified by Protein A |
| **Storage Buffer** | 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| **Product Detail** | **background:**<br>Cytoplasmic ribosomes, 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 ribosomal protein S4, a component of the 40S subunit. Ribosomal protein S4 is the only ribosomal protein known to be encoded by more than one gene, namely this gene and ribosomal protein S4, X-linked (RPS4X). The 2 isoforms encoded by these genes are not identical, but are functionally equivalent. Ribosomal protein S4 belongs to the S4E family of ribosomal proteins. It has been suggested that haploinsufficiency of the ribosomal protein S4 genes plays a role in Turner syndrome; however, this hypothesis is controversial. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]

**Similarity:**
Belongs to the ribosomal protein S4e family.Belongs to the ribosomal protein S4e family. Contains 1 S4 RNA-binding domain. Contains 1 S4 RNA-binding domain.

**Database links:**

Entrez Gene: 6192 Human

Omim: 470000 Human

SwissProt: P22090 Human

Unigene: 282376 Human

**Important Note:**
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.