

DNAxPAb

Hard-to-Find
Antibody

RPS4Y1 DNAxPAb

Catalog # H00006192-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RPS4Y1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MARGPKKHLKRVAAPKHWMLDKLTGVFAPRPSTGPHKLRECLPLVFLRNRLKYALTGDEVKKIC MQRFIKIDGKVRVDVTYPAGFMDVISIEKTGEHFRLVYDTKGRFAVHRITVEEAKYKLCKVRKITVGV KGPHLVTHDARTIRYPDPVIKVNDTVQIDLGTGKIINFKFDTGNLCMVIGGANLGRVGVITNRERHPG SFDVVHVKDANGNSFATRLSNIFVIGNGNKPWISLPRGKGIRLTVAEERDKRLATKQSSG
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — RPS4Y1

Entrez GeneID [6192](#)

GeneBank Accession# [NM_001008.3](#)

Protein Accession# [NP_000999.1](#)

Gene Name RPS4Y1

Gene Alias MGC119100, MGC5070, RPS4Y

Gene Description ribosomal protein S4, Y-linked 1

Omim ID [470000](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations 40S ribosomal protein S4, Y|ribosomal protein S4Y

Pathway

- [Ribosome](#)