

Rabbit anti-Human RPS4Y1 Polyclonal Antibody | anti-RPS4Y1 antibody

RPS4Y1 Antibody

CATALOG # AAA302702	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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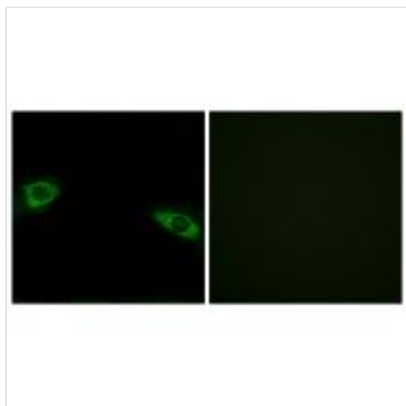
PRODUCT SYNONYMS

RPS4Y1; Polyclonal Antibody; RPS4Y1 Antibody; 40S ribosomal protein S4; Y isoform 1; RPS4Y; RS4Y1; anti-RPS4Y1 antibody

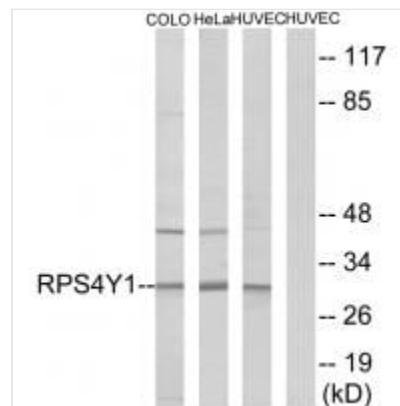
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total RPS4Y1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	263
Applicable Applications for anti-RPS4Y1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human RPS4Y1.
Target Name	RPS4Y1
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HuvEc cells, using RPS4Y1 antibody.


WB (Western Blot)

Western blot analysis of extracts from COLO cells, HeLa cells and HUVEC cells, using RPS4Y1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS4Y1 antibody	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.Fisher E.M.C., Cell 63:1205-1218(1990).Zuo L., Submitted (JAN-1998) to the EMBL/GenBank/DDBJ databases.Zhang C., Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases.
Product Categories/Family for anti-RPS4Y1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506727
NCBI GeneID	6192
NCBI Accession #	NP_000999.1
NCBI GenBank Nucleotide #	NM_001008.3
UniProt Accession #	P22090; A8K9V4
Molecular Weight	29,456 Da
NCBI Official Full Name	40S ribosomal protein S4, Y isoform 1
NCBI Official Synonym Full Names	ribosomal protein S4, Y-linked 1
NCBI Official Symbol	RPS4Y1
NCBI Official Synonym Symbols	S4; RPS4Y
NCBI Protein Information	40S ribosomal protein S4, Y isoform 1
UniProt Protein Name	40S ribosomal protein S4, Y isoform 1
UniProt Gene Name	RPS4Y1
UniProt Synonym Gene Names	RPS4Y
UniProt Entry Name	RS4Y1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.