

Rabbit RPS4X Polyclonal Antibody | anti-RPS4X antibody

RPS4X Antibody

CATALOG # AAA302812	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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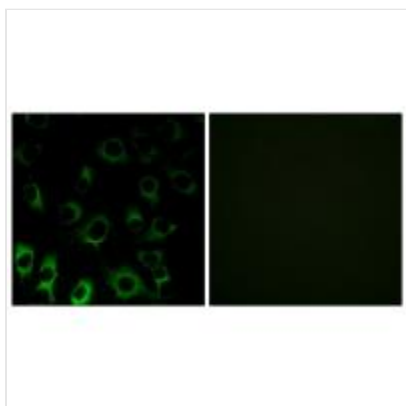
PRODUCT SYNONYMS

RPS4X; Polyclonal Antibody; RPS4X Antibody; 40S ribosomal protein S4; X isoform; CCG2; RPS4; RS4X; anti-RPS4X antibody

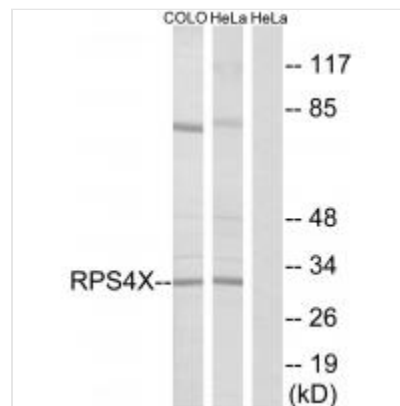
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total RPS4X 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-RPS4X antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human RPS4X.
Target Name	RPS4X
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HUVEC cells, using RPS4X antibody.


WB (Western Blot)

Western blot analysis of extracts from COLO cells and HeLa cells, using RPS4X antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS4X 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, Y-linked (RPS4Y). 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. This gene is not subject to X-inactivation. 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).Watanabe M., J. Cell Sci. 100:35-43(1991).The MGC Project Team; Genome Res. 14:2121-2127(2004).
Product Categories/Family for anti-RPS4X antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506725
NCBI GeneID	6191
NCBI Accession #	NP_000998.1
NCBI GenBank Nucleotide #	NM_001007.4
UniProt Accession #	P62701; P12631; P12750; P27576; P55831; Q14727; Q6IPY4
Molecular Weight	29,598 Da
NCBI Official Full Name	40S ribosomal protein S4, X isoform X isoform
NCBI Official Synonym Full Names	ribosomal protein S4, X-linked
NCBI Official Symbol	RPS4X
NCBI Official Synonym Symbols	S4; CCG2; RPS4; SCAR; SCR10; DXS306
NCBI Protein Information	40S ribosomal protein S4, X isoform
UniProt Protein Name	40S ribosomal protein S4, X isoform
UniProt Gene Name	RPS4X
UniProt Synonym Gene Names	CCG2; RPS4; SCAR
UniProt Entry Name	RS4X_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rps4x-antibody-immunofluorescence-western-blot-elisa/302812>