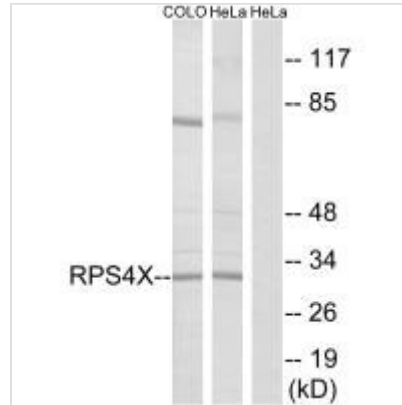


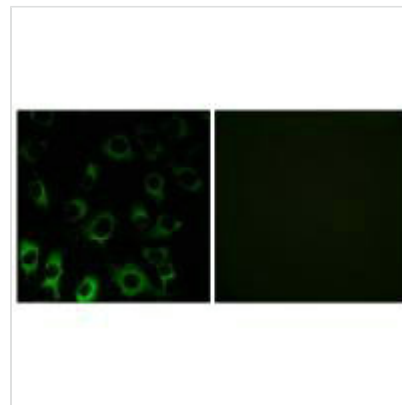


RPS4X Antibody

Product Code	CSB-PA969688
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P62701
Immunogen	Synthesized peptide derived from internal of Human RPS4X.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total RPS4X protein.
Tested Applications	ELISA,WB,IF;WB:1:500-1:3000,IF:1:100-1:500
Relevance	<p>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.</p> <p>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).</p>
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	40S ribosomal protein S4; X isoform; CCG2; RPS4; RS4X
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	RPS4X
Image	



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



Immunofluorescence analysis of HUVEC cells, using RPS4X antibody.