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anti-RPS2 antibody (C-Term)





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Quantity:	100 μL
Target:	RPS2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized peptide derived from C-terminal of Human RPS2.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	RPS2
Alternative Name:	RPS2 (RPS2 Products)
Background:	Background: Ribosomes, the 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 a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S5P family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with mouse LLRep3. It is cotranscribed with the small nucleolar RNA gene U64, which is located in its third intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Slynn G., Nucleic Acids Res. 18:681-681(1990).

Ota T., Nat. Genet. 36:40-45(2004).

Mural R.J., Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Aliases: 40S ribosomal protein S2 antibody, 40S ribosomal protein S4 antibody, LLREP3 antibody, LLRep3 protein antibody, MGC102851 antibody, MGC117344 antibody, MGC117345 antibody, OK/KNS-cl.6 antibody, Protein LLRep3 antibody, Ribosomal protein S2 antibody, rps2 antibody, RPS4 antibody, RS2 antibody, RS2_HUMAN antibody, S2 antibody, S4 antibody

UniProt: P15880

Pathways: Ribonucleoprotein Complex Subunit Organization, Ribosome Assembly

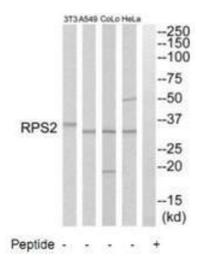
Application Details

Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells, A549 cells, COLO205 cells and NIH-3T3 cells, using RPS2 antibody.