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Datasheet for ABIN7180235 anti-RPS12 antibody (C-Term)

2 Images



Overview

Quantity:	100 µL
Target:	RPS12
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Synthesized peptide derived from C-terminal of Human RPS12.
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	RPS12
Alternative Name:	RPS12 (RPS12 Products)
Background:	Background: Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S

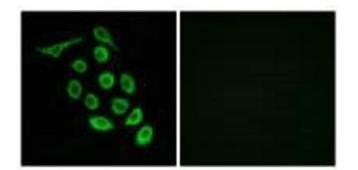
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	subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and
	approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a
	component of the 40S subunit. The protein belongs to the S12E family of ribosomal proteins. It
	is located in the cytoplasm. Increased expression of this gene in colorectal cancers compared
	to matched normal colonic mucosa has been observed. As is typical for genes encoding
	ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through
	the genome.
	Herault Y., Nucleic Acids Res. 19:4001-4001(1991).
	Bienvenut W.V., Submitted (FEB-2008) to UniProtKB.
	Vladimirov S.N., Eur. J. Biochem. 239:144-149(1996).
	Aliases: 40S ribosomal protein S12 antibody, ribosomal protein S12 antibody, rps12 antibody,
	RS12_HUMAN antibody, S12 antibody
UniProt:	P25398

Application Details

Application Notes:	WB:1:500-1:3000, IF:1:100-1:500,
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.

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-- 117 -- 85 -- 48 -- 34 -- 26 -- 19 (kD)

Immunofluorescence

Image 1. Immunofluorescence analysis of A549 cells, using RPS12 antibody.

Western Blotting

Image 2. Western blot analysis of extracts from COLO cells, using RPS12 antibody.

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