Product Datasheet

RPS9 Antibody

Catalog No: #34341

Package Size: #34341-1 50ul #34341-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

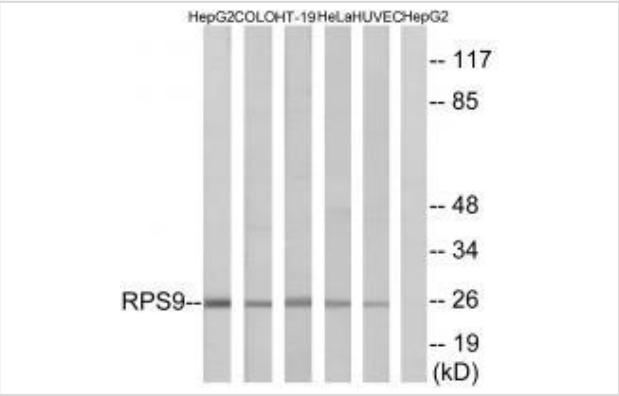
Product Name	RPS9 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total RPS9 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human RPS9.
Target Name	RPS9
Other Names	40S ribosomal protein S9; ribosomal protein S9; RS9;
Accession No.	Swiss-Prot: P46781NCBI Gene ID: 6203
Uniprot	P46781
GeneID	6203;
SDS-PAGE MW	23kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

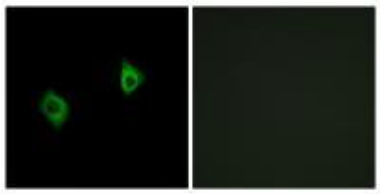
Western blotting: 1:500~1:3000

Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from HepG2 cells, COLO cells, HT-29 cells, HeLa cells and HUVEC cells, using RPS9 antibody #34341.



Immunofluorescence analysis of A549 cells, using RPS9 antibody #34341.

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 S4P family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, multiple processed pseudogenes derived from this gene are dispersed through the genome.

Frigerio J.-M., Biochim. Biophys. Acta 1262:64-68(1995).
Yoshihama M., Genome Res. 12:379-390(2002).
Vladimirov S.N., Eur. J. Biochem. 239:144-149(1996).

Note: This product is for in vitro research use only