

RPL27A Antibody

Catalog No: #34351

Package Size: #34351-1 50ul #34351-2 100ul

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

Description

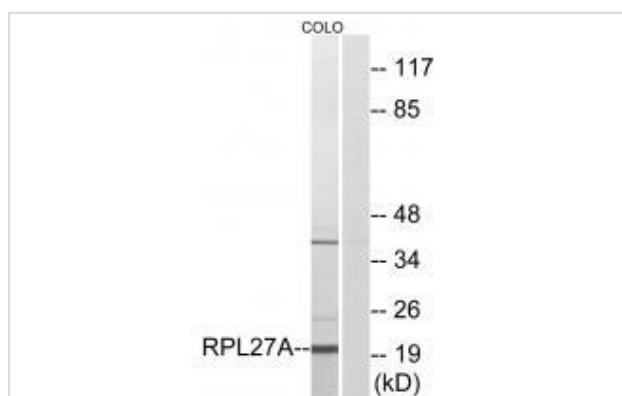
Product Name	RPL27A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total RPL27A protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human RPL27A.
Target Name	RPL27A
Other Names	MGC87238; RL27A;
Accession No.	Swiss-Prot: P46776NCBI Gene ID: 6157
Uniprot	P46776
GeneID	6157;
SDS-PAGE MW	20kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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

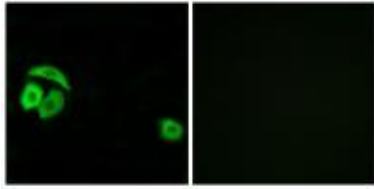
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from COLO cells, using RPL27A antibody #34351.

Immunofluorescence analysis of A549 cells, using RPL27A antibody #34351.



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 60S subunit. The protein belongs to the L15P 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).

Kusuda J., *Cytogenet. Cell Genet.* 85:248-251(1999).

The MGC Project Team; *Genome Res.* 14:2121-2127(2004).

Note: This product is for in vitro research use only