Product Datasheet

RPL15 Antibody

Catalog No: #34348

Package Size: #34348-1 50ul #34348-2 100ul

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

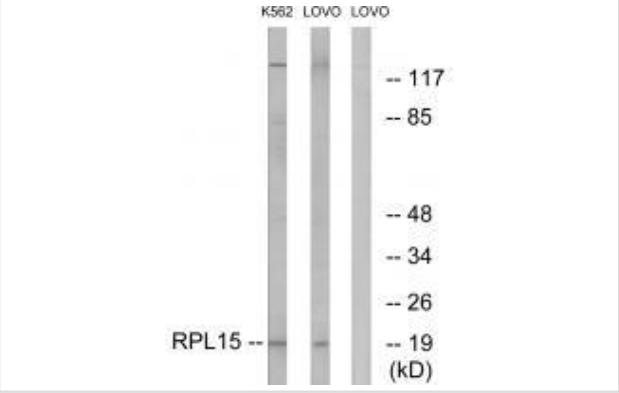
Description

Product Name	RPL15 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total RPL15 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human RPL15.
Target Name	RPL15
Other Names	60S ribosomal protein L15; EC45; RL15;
Accession No.	Swiss-Prot: P61313NCBI Gene ID: 6138
Uniprot	P61313
GeneID	6138;
SDS-PAGE MW	20kd
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

Images



Western blot analysis of extracts from K562 cells and LOVO cells, using RPL15 antibody #34348.

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 L15E family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with the yeast ribosomal protein YL10 gene. Although this gene has been referred to as RPL10, its official symbol is RPL15. This gene has been shown to be overexpressed in some esophageal tumors compared to normal matched tissues. Alternate splicing results in multiple transcript variants. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Herzog H.; Submitted (NOV-1993) to the EMBL/GenBank/DDBJ databases.
Wang Q., Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.
Yoshihama M., Submitted (MAY-2001) to the EMBL/GenBank/DDBJ databases.

Note: This product is for in vitro research use only