

RPL39 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11137c**Specification**

RPL39 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P62891
Other Accession	P62893 , P62892 , Q98TF5 , Q3T051 , Q59GN2 , NP_000991.1 , G1SYU7
Reactivity	Mouse
Predicted	Human, Bovine, Chicken, Rabbit, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	6407
Antigen Region	15-42

RPL39 Antibody (Center) - Additional Information**Gene ID** 6170**Other Names**

60S ribosomal protein L39, RPL39

Target/Specificity

This RPL39 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-42 amino acids from the Central region of human RPL39.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RPL39 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RPL39 Antibody (Center) - Protein Information**Name** RPL39

Function RNA-binding component of the large ribosomal subunit. The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell.

Cellular Location

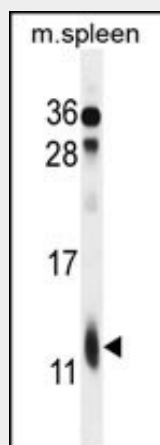
Cytoplasm.

RPL39 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RPL39 Antibody (Center) - Images



RPL39 Antibody (Center) (Cat. #AP11137c) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the RPL39 antibody detected the RPL39 protein (arrow).

RPL39 Antibody (Center) - 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 S39E family of ribosomal proteins. It is located in the cytoplasm. In rat, the protein is the smallest, and one of the most basic, proteins of the ribosome. This gene is co-transcribed with the U69 small nucleolar RNA gene, which is located in its second intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

RPL39 Antibody (Center) - References

Kapp, L.D., et al. Annu. Rev. Biochem. 73, 657-704 (2004) :
Mazumder, B., et al. Cell 115(2):187-198(2003)
Yoshihama, M., et al. Genome Res. 12(3):379-390(2002)
Uechi, T., et al. Genomics 72(3):223-230(2001)
Tsui, S.K., et al. Biochem. Mol. Biol. Int. 40(3):611-616(1996)