

Goat Anti-Ribosomal Protein L19 / RPL19 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1927a**Specification**

Goat Anti-Ribosomal Protein L19 / RPL19 Antibody - Product Information

Application	WB
Primary Accession	P84098
Other Accession	NP_000972 , 6143 , 19921 (mouse) , 81767 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	23466

Goat Anti-Ribosomal Protein L19 / RPL19 Antibody - Additional Information**Gene ID** 6143**Other Names**

60S ribosomal protein L19, RPL19

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-Ribosomal Protein L19 / RPL19 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-Ribosomal Protein L19 / RPL19 Antibody - Protein Information**Name** RPL19**Function**

Component of the large ribosomal subunit (PubMed: [23636399](http://www.uniprot.org/citations/23636399), PubMed: [32669547](http://www.uniprot.org/citations/32669547)). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed: [23636399](http://www.uniprot.org/citations/23636399), PubMed: [32669547](http://www.uniprot.org/citations/32669547)).

Cellular Location

Cytoplasm.

Goat Anti-Ribosomal Protein L19 / RPL19 Antibody - 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](#)

Goat Anti-Ribosomal Protein L19 / RPL19 Antibody - Images

AF1927a (0.1 µg/ml) staining of Human Testis lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-Ribosomal Protein L19 / RPL19 Antibody - 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 L19E family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Goat Anti-Ribosomal Protein L19 / RPL19 Antibody - References

Identification of ribosomal protein L19 as a novel tumor antigen recognized by autologous cytotoxic T lymphocytes in lung adenocarcinoma. Kuroda K, et al. Cancer Sci, 2010 Jan. PMID 19799608.

The targeted immunocytokine L19-IL2 efficiently inhibits the growth of orthotopic pancreatic cancer. Wagner K, et al. Clin Cancer Res, 2008 Aug 1. PMID 18676770.

Pathways and genes differentially expressed in the motor cortex of patients with sporadic amyotrophic lateral sclerosis. Lederer CW, et al. BMC Genomics, 2007 Jan 23. PMID 17244347.

Ribosomal protein l19 is a prognostic marker for human prostate cancer. Bee A, et al. Clin Cancer Res, 2006 Apr 1. PMID 16609016.

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.