Ribosomal Protein L32 (Y-22): sc-133977

**BACKGROUND**

Ribosomes, the organelles that catalyze protein synthesis, are composed of a small subunit (40S) and a large subunit (60S) that consist of over 80 distinct ribosomal proteins. Mammalian ribosomal proteins are encoded by multigene families that contain processed pseudogenes and one functional intron-containing gene within their coding regions. Ribosomal Protein L32, also known as RPL32 or PP9932, is a 132 amino acid protein that localizes to the cytoplasm and functions as a component of the 60S subunit, playing a role in protein translation. RPL32 belongs to the ribosomal protein L32 family of ribosomal proteins and is regulated by GABP. Like most ribosomal proteins, Ribosomal Protein L32 exists as multiple processed pseudogenes that are scattered throughout the genome.

**REFERENCES**


**CHROMOSOMAL LOCATION**

Genetic locus: RPL32 (human) mapping to 3p25.1; Rpl32 (mouse) mapping to 6 E3.

**SOURCE**

Ribosomal Protein L32 (Y-22) is a Protein A purified rabbit polyclonal antibody raised against synthetic Ribosomal Protein L32 peptide of human origin.

**PRODUCT**

Each vial contains 100 µg IgG in 1.0 ml PBS with < 0.1% sodium azide, 0.1% gelatin and < 0.02% sucrose.

**APPLICATIONS**

Ribosomal Protein L32 (Y-22) is recommended for detection of Ribosomal Protein L32 of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)] and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

 positve Controls: Hep G2 cell lysate: sc-2227.

**DATA**

![Western blot analysis of RPL32 expression in Hep G2 whole cell lysate.](image)

**STORAGE**

Store at 4°C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

**RESEARCH USE**

For research use only, not for use in diagnostic procedures.

**PROTOCOLS**

See our web site at www.scbt.com or our catalog for detailed protocols and support products.