

Product Name: Ribosomal Protein L17 Rabbit Polyclonal Antibody
Catalog #: APRab17149

Summary

Production Name	Ribosomal Protein L17 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat,Monkey,Cat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	RPL17
Alternative Names	RPL17; 60S ribosomal protein L17; 60S ribosomal protein L23; PD-1
Gene ID	6139.0
SwissProt ID	P18621.The antiserum was produced against synthesized peptide derived from human RPL17. AA range:101-150

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:10000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	24kDa

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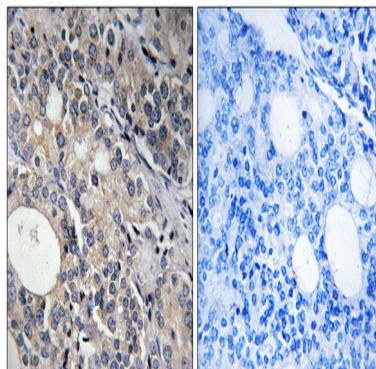
Background

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 L22P family of ribosomal proteins. It is located in the cytoplasm. This gene has been referred to as rpl23 because the encoded protein shares amino acid identity with ribosomal protein L23 from *Halobacterium marismortui*; however, its official symbol is RPL17. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring downstream C18orf32 (chromosome 18 open reading frame similarity). Belongs to the ribosomal protein L22P family. **tissue specificity:** Expressed in pancreas, lung, colon, cystic duct, gall bladder, kidney and liver. Expressed at high levels in the well differentiated pancreatic tumor cell lines HPAF, Colo 357 and Capan-1, the moderately differentiated pancreatic tumor cell lines T3M4, AsPc-1 and BxPc-3, the poorly differentiated pancreatic tumor cell line Mia Paca, and the pancreatic tumor cell lines of undefined differentiation status Panc 89 and SW 979. Expressed at lower levels in the poorly differentiated pancreatic tumor cell lines HGC 25 and Panc 1.

Research Area

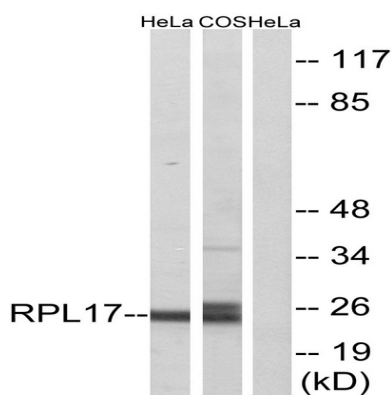
Ribosome;

Image Data



Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma tissue, using RPL17 Antibody. The picture on the right is blocked with the synthesized peptide.

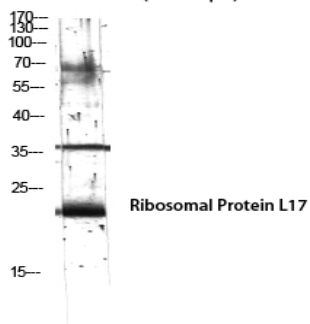
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Western blot analysis of lysates from HeLa and COS7 cells, using RPL17 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Ribosomal Protein L17 Polyclonal Antibody diluted at 1: 2000 customer's (cat sample)



Western Blot analysis of customer 's (cat sample) using Ribosomal Protein L17 Polyclonal Antibody diluted at 1: 2000

Note

For research use only.