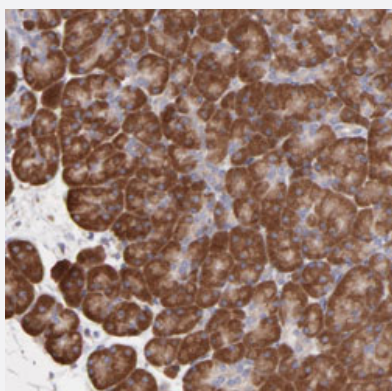


RPLP0 polyclonal antibody

Catalog # PAB30624

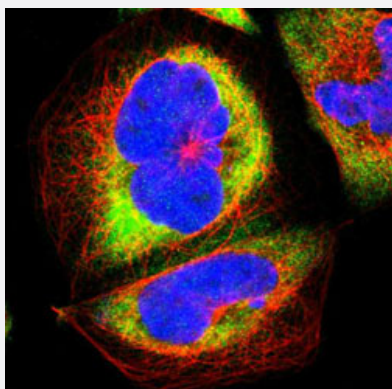
Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas with RPLP0 polyclonal antibody (Cat # PAB30624) shows strong cytoplasmic positivity in exocrine glandular cells.



Immunofluorescence

Immunofluorescent staining of A-431 cells with RPLP0 polyclonal antibody (Cat # PAB30624) (Green) shows positivity in cytoplasm.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human RPLP0.
Immunogen	Recombinant protein corresponding to human RPLP0.
Sequence	VVLMGKNTMMRKAIRGHLENNPALEKLLPHIRGNVGFVFTKEDLTEIRDMLLANKVPAAARAGAIAPCEVTVPAQNTGLGPEKTSFFQALGIT
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — RPLP0

Entrez GeneID	6175
Protein Accession#	P05388
Gene Name	RPLP0
Gene Alias	L10E, MGC111226, MGC88175, P0, PRLP0, RPP0
Gene Description	ribosomal protein, large, P0
Omim ID	180510
Gene Ontology	Hyperlink

Gene Summary

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, which is the functional equivalent of the E. coli L10 ribosomal protein, belongs to the L10P family of ribosomal proteins. It is a neutral phosphoprotein with a C-terminal end that is nearly identical to the C-terminal ends of the acidic ribosomal phosphoproteins P1 and P2. The P0 protein can interact with P1 and P2 to form a pentameric complex consisting of P1 and P2 dimers, and a P0 monomer. The protein is located in the cytoplasm. Transcript variants derived from alternative splicing exist; they encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]

Other Designations

60S acidic ribosomal protein P0|acidic ribosomal phosphoprotein P0|ribosomal protein P0

Pathway

- [Ribosome](#)