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Ribosomal Protein L10L Polyclonal Antibody

Catalog # AP72276

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q96L21
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24519

Additional Information

Gene ID	140801
Other Names	RPL10L; 60S ribosomal protein L10-like
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

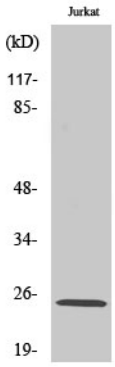
Name	RPL10L {ECO:0000303|PubMed:12490704, ECO:0000312|HGNC:HGNC:17976}
Function	Testis-specific component of the ribosome, which is required for the transition from prophase to metaphase in male meiosis I (By similarity). Compensates for the inactivated X-linked RPL10 paralog during spermatogenesis (PubMed:12490704). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:23636399, PubMed:25901680, PubMed:32669547). The male germ cell-specific ribosome displays a ribosomal polypeptide exit tunnel of distinct size and charge states compared with the classical ribosome (By similarity). It is responsible for regulating the biosynthesis and folding of a subset of male germ-cell-specific proteins that are essential for the formation of sperm (By similarity).
Cellular Location	Cytoplasm
Tissue Location	Almost testis-specific (PubMed:12490704, PubMed:19333399, PubMed:28502657). Also expressed in pre- and postmenopausal ovary

(PubMed:19333399).

Background

May play a role in compensating for the inactivated X- linked gene during spermatogenesis.

Images



Western Blot analysis of various cells using Ribosomal Protein L10L Polyclonal Antibody diluted at 1：1000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.