

For Research Use Only

RPL10L Polyclonal antibody

Catalog Number: 16222-1-AP



Basic Information

Catalog Number:

16222-1-AP

Size:

150ul , Concentration: 650 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9275

GenBank Accession Number:

BC014310

GeneID (NCBI):

140801

UNIPROT ID:

Q96L21

Full Name:

ribosomal protein L10-like

Calculated MW:

214 aa, 25 kDa

Observed MW:

25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HEK-293 cells, mouse brain tissue, HeLa cells, SKOV-3 cells, mouse testis tissue, rat testis tissue

Background Information

RPL10L (Ribosomal Protein L10 Like), is a testis-specific component of the ribosome, 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(Uniprot). RPL10L plays an essential role during meiosis of spermatogenesis by compensating for its X-linked parental paralogs, RPL10, during and after meiotic sex chromosome inactivation(MSCI) (PMID: 28502657).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

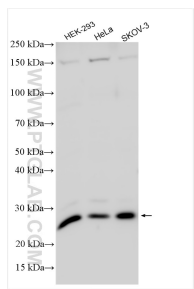
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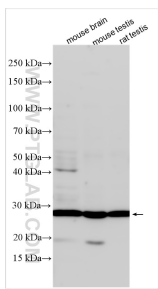
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16222-1-AP (RPL10L antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 16222-1-AP (RPL10L antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.