

For Research Use Only

RPL18A Recombinant antibody, PBS Only

Catalog Number: 83928-1-PBS



Basic Information

Catalog Number:

83928-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6251

GenBank Accession Number:

BC066319

GeneID (NCBI):

6142

UNIPROT ID:

Q02543

Full Name:

ribosomal protein L18a

Calculated MW:

21 kDa

Observed MW:

23 kDa

Purification Method:

Protein A purification

CloneNo.:

240841B1

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Background Information

RPL18A, also named as 60S ribosomal protein L18a (Ribosomal Protein L18a), located on 19p13.11, is a protein coding gene. RPL18A is a member of the L18AE family of ribosomal proteins that is a component of the 60S subunit. The encoded protein may play a role in viral replication by interacting with the hepatitis C virus internal ribosome entry site (IRES). Diseases such as Hepatitis C Virus and Omsk Hemorrhagic Fever are associated with RPL18A. The molecular weight of RPL18A is 23 kDa.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

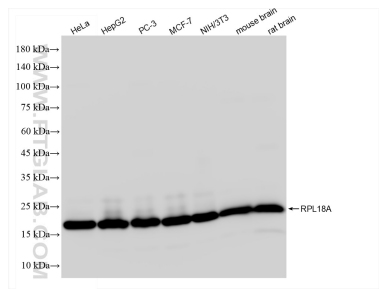
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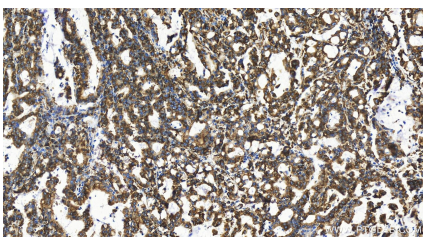
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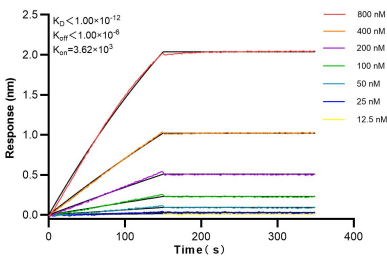
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83928-1-RR (RPL18A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83928-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 83928-1-RR (RPL18A antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer(pH9). This data was developed using the same antibody clone with 83928-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83928-1-RR against Human RPL18A were performed. The affinity constant is below 1 pM.